

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Phone : 91-080-22274744
Fax : 91-080-22212456
Grams : "KAPTRANS"
Telex : 0845-2435 KEB IN
E-mail : ce@kptcl.com



Office of the
Chief Engineer, Electricity,
Tendering & Procurement, KPTCE -
Kaveri Bhavan, 'A' Block, P.B. No. 9990,
BANGALORE - 560 009

No. CEE/T&P/SEE/EE(T2)/T-4/5/2007-08/

12937-40

Date:

17 SEP 2007

To,
The Chief Engineer Electricity,
Transmission Zones, KPTCL
Bangalore / Bagalkot,
Gulbarga / Hassan,
Tumkur / Mysore.

Sir,

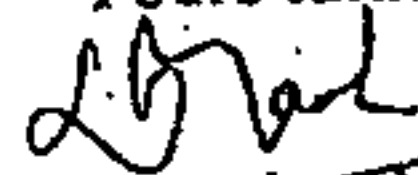
Sub. : Minor Variation/Deviation during execution of the contract
from DWA's placed by this office - reg.

- Ref. : 1. Ltr. No. : CEE/BGKT/TRNS/EE(O)/AEE-2/2152-53 dated
10.05.2007
2. Ltr. No. : CEE/BGKT/TRNS/EE(O)/AEE-2/2771-73 dated
23.05.2007
3. Ltr. No. : 606/BGM/MWD/EEE/640-45 dated 04.06.2007

This office has placed awards on various agencies for execution of Sub-Stations and Transmission Line works on Total/Partial Turnkey basis. Eventhough utmost care has been taken to make necessary provisions for the smooth execution of works, during execution of works there may be certain minor deviations/variations which cannot be foreseen at the time of award. Many letters are being received by this office seeking amendment to DWA's for overcoming the practical difficulties during execution of the contract.

I have been directed to inform that necessary decisions are to be taken at your end for modifications/changes which are very much essential for the most economical and safe way of execution of works under intimation to this office. Such variations are to be taken into account at the time of final variations/statements prepared for settlement of contracts.

Yours faithfully,


Chief Engineer, Electy.,
T & P, KPTCL, Bangalore

P.T.O

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Copy to:

1. The Controller of Accounts, T & P, KPTCL, Kaveri Bhavan, Bangalore.
2. The All Executive Engineers (Elec)/All Assistant Executive Engineers, T & P, KPTCL, Kaveri Bhavan, Bangalore.
3. MF/OC.

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

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Office of the
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Kaveri Bhavan, 'A' Block, P.B. No. 9990,
BANGALORE - 560 009

No. CEE/T&P/SEE/EE(T2)/T-4/5/2007-08/

15825-31

Date:

30 OCT 2007

To,
The Chief Engineer Electricity,
Transmission Zones, KPTCL
Bangalore / Bagalkot,
Gulbarga / Hassan,
Tumkur / Mysore.

Sir,

Sub. : Standard Bidding Documents for Establishing of 220kV,
110kV and 66kV Sub stations with associated lines -
Liquidated Damages for delay in Completion - Reg.

The Central Purchase Committee in its 84th meeting of T & P held on 17.10.2007, it has approved to increase the levy of Liquidated damages from existing 10% to 20%. The copy of the minutes of 84th CPC meeting is herewith enclosed for your reference and you are requested to adopt the same in future tenders duly modifying the corresponding clauses in SCC and GCC of the Standard Bidding documents.

Yours faithfully,

29/10/07
Chief Engineer, Electy.,
& P, KPTCL, Bangalore

Copy to :

1. All Executive Engineers Electrical, T & P, KPTCL, KB, Bangalore for information.

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① J

2. The Controller of Accounts, T & P, KPTCL, Kaveri Bhavan, Bangalore for information.
3. All Assistant Executive Engineers, Elecl, T&P, KPTCL, Kaveri Bhavan, Bangalore for information and to incorporate the necessary changes in the Tender Documents.
4. The Accounts Officer (I/A), T&P, KPTCL, Kaveri Bhavan, Bangalore for information.
5. MF/OC.

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- c) The firm shall complete the work within 7 months for sub-stations and 6 months for Line from the date of Letter of Intent to award the contract including Monsoon period.
- d) The Chief Engineer, Electy. T & P., KPTCL, Bangalore, shall fix up proper milestones and fix monthly schedule on the progress to be achieved.
- c) A Bar and PERT chart shall be provided by the Company along with its acceptance detailing the stages of work and completion.
- di) The agreement shall apart from covering all aspects, lay emphasis on penalties for non-completion or delay in completion as per schedule.
- e) The F.O.R.D. price shall be reduced by an amount equal to Special Entry Tax calculated as per actuals or indicated by the Bidder whichever is more.
- f) For the Equipments/ Materials wherever Bidder has declared to supply from outside the state of Karnataka, the Special Entry Tax shall be deducted for those Equipments/ Materials irrespective of the source of the equipment/Materials calculated as in (e) above.
- g) During Execution of Contract, if the Contractor sources the material within the state of Karnataka, the applicable VAT shall be payable by the Contractor.

FURTHER RESOLVED that the Chief Engineer (Electricity), T & P, be and is hereby authorized to issue necessary LOA and enter in to Contract Agreement duly following the-KPTCL-norms and the Tender clauses and to take further needful action.

Sub No. CEE/T&P/PC-84/ 10: *Levying liquidated damages for delay in Execution of works of Establishing of Sub-Stations and Construction of Transmission Lines of KPTCL on Partial / Total turnkey Basis by the successful Bidders.*

The Central Purchase Committee was appraised as follows:

- 1.0 The Projects for Establishment of Sub-Stations and Construction of Transmission Lines of KPTCL on Partial-/ Total turnkey Basis have been awarded to the many successful Bidders. After award of Contracts, the Firms are not executing the Contract as scheduled in the Award. On review of the progress of works, it is observed that some Firms have not started the works even after several months after the award and there is substantial delay in completion of the works resulting in poor progress and loss of revenue to the Board. The delay in completion of the project is observed in most cases.
- 2.0 It was submitted to the committee that in order to discourage delay in completion of the projects, penalty in the form of Liquidated Damages at the rate of ¼ % per week subject to a maximum of 10% is being levied for various stages of works.


CHAIRMAN
CPC, KPTCL.

3.0 In spite of above penalty clause, it has not been possible to contain the delays. The percentage of Liquidated Damages that is being levied appears to be on the lower side. If levy is increased from the existing limits then contractors will be more careful and alert and try to complete the work within the scheduled time to avoid the heavy penalty. Hence committee decided to increase the levy of liquidated damages for the balance incomplete portion from the existing 0.5% per week to 1% per week subject to maximum of 20% of the Contract Value for the various stages of works and to modify the existing clause No. 13.0, **LIQUIDATED DAMAGES FOR DELAY IN COMPLETION**, Section SCC, Volume - I as stated below;

13.1 The Bidder shall clearly note that time is the essence of the Contract and the Sub-Stations and Transmission Lines shall be completed within the Time frame specified in Clause No.10.1 Supra and hence no time extension shall be allowed on any account. If the Contractor fails to successfully complete the Trial Operation in terms of the Contract, within the time fixed under the Contract or any extension thereof granted by the Owner by way of Amendment to the Notification of Award/ Contract Agreement, the Contractor shall pay to the Owner, as Liquidated Damages and not as penalty in three (3) Stages as detailed below:

STATION: Completion period Months for the Sub-Station...			
No. of Stages	Activities	Completion Period	Percentage of Penalty
Stage-I	Approval of Drawings/Vendors, Land leveling, Security fencing etc., Foundation Works for ODS, Erection of Columns for Control Rooms	... Months	2% per week subject to Maximum of 20% of the Value of the Stage.
Stage-II	Supply of all Equipments / Materials and Erection of Gantry Mounting Structure and Construction of Control Room Building, Cable Ducts, Laying of Power and Control Cables etc.,	... Months	4% per week subject to Maximum of 20% of the Value of the Stage.
Stage-III	Erection of Equipments / Materials, Wiring of C&R Panels, Illumination, Painting etc., and Testing/Commissioning.	... Months	1 % per week of the total Contract Value subject to Maximum of 20% of the Total Contract Value.
LINES: Completion period Months for lines.			
No. of Stages	Activities	Completion period	Percentage of Liquidate Damage (penalty)
Stage -I	Check survey, approval of Vendors/drawings, excavation, Supply of stubs and stub concreting	... Months	2% per week subject to maximum of 20% of the value of the stage.
Stage-II	Supply of tower parts & Tower Accessories, Erection of towers and Tower Accessories	... Months	4% per week subject to maximum of 20% of the value of the stage.

CHAIRMAN
CPC, KPTCL.

Stage-III	Supply of Conductors, Insulators & Hard wares / Accessories etc., Stringing, inspection and Testing & Commissioning.	... Months	1% per week of the total contract value subject to maximum of 20% of the total contract value.
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- 13.2 In case the Final Milestone is achieved to the satisfaction of KPTCL within the Scheduled period, KPTCL may consider refund (without interest) the Penalty levied in earlier Stages.
- 13.3 The total amount of Liquidated Damages for delay under the Contract shall be subject to a Maximum of Twenty percent (20%) of the total Contract Price & the Owner has got every right to terminate the Contract without any liability if it crosses 20%.

The PC debated the matter. In the interest of discipline and as a deterrent there was a need to enhance the rates of penalty. Approving the proposal, the following resolutions were passed.

RESOLVED that approval be and is hereby accorded to modify the existing clause No.13.0, **LIQUIDATED DAMAGES FOR DELAY IN COMPLETION**, Section SCC, Volume/I as stated below:

- 13.1 The Bidder shall clearly note that time is the essence of the Contract and the Sub-Stations and Transmission Lines shall be completed within the Time frame specified in Clause No.10.1 Supra and hence no time extension shall be allowed on any account. If the Contractor fails to successfully complete the Trial Operation in terms of the Contract, within the time fixed under the Contract or any extension thereof granted by the Owner by way of Amendment to the Notification of Award/ Contract Agreement, the Contractor shall pay to the Owner, as Liquidated Damages and not as penalty in three (3) Stages as detailed below:

STATION: Completion period Months for the Sub-Station.			
No. of Stages	Activities	Completion Period	Percentage of Penalty
Stage-I	Approval of Drawings/Vendors, Land leveling, Security fencing etc., Foundation Works for ODS, Erection of Columns for Control Rooms	... Months	2% per week subject to Maximum of 20% of Value of the Stage.
Stage-II	Supply of all Equipments / Materials and Erection of Gantry Mounting Structure and Construction of Control Room Building, Cable Ducts, Laying of Power and Control Cables etc.,	... Months	4% per week subject to Maximum of 20% of the Value of the Stage.
Stage-III	Erection of Equipments / Materials, Wiring of C&R Panels, Illumination, Painting etc., and Testing /Commissioning.	... Months	1% per week of the total Contract Value subject to Maximum of 20% of the Total Contract Value.

CHAIRMAN
CPC, KPTCL.

LINES: Completion period Months for lines.			
No. of Stages	Activities	Completion period	Percentage of Liquidate Damage (penalty)
Stage-I	Check survey, approval of Vendors/drawings, excavation, Supply of stubs, and stub concreting	... Months	2% per week subject to maximum of 20% of the value of the stage.
Stage-II	Supply of tower parts & Tower Accessories, Erection of towers and Tower Accessories	... Months	4% per week subject to maximum of 20% of the value of the stage.
Stage-III	Supply of Conductors, Insulators & Hard wares / Accessories etc., Stringing, inspection and Testing & Commissioning.	... Months	1% per week of the total contract value subject to maximum of 20% of the total contract value.

13.2 In case the Final Milestone is achieved to the satisfaction of KPTCL with in the Scheduled period, KPTCL may consider refund (without interest) the Penalty levied in earlier Stages.

13.2 The total amount of Liquidated Damages for delay under the Contract shall be subject to a Maximum of Twenty percent (20%) of the total Contract Price & the Owner has got every right to terminate the Contract without any liability if it crosses 20%.

FURTHER RESOLVED that Chief Engr. Electy. T & P, KPTCL, be and is hereby authorized to issue Circular for incorporating necessary changes to the clauses of Liquidated Damages-i.e., clause No. 14.0 of Section GCC, Volume -I in all future the Tender Documents.

Subject No. T&P/PC-84/11 For Consultancy Services by Agencies for Carbon Credit Earning, Assessment, Validation and Trading for KPTCL/ESCOMs.
Reference Enquiry No. KPTCL/CEE/T&P/211/2007-08.

It was submitted to the Committee that the Carbon credits are tradable permit scheme. They provide a way to reduce greenhouse gas emissions by giving them a monetary value. A credit gives the owner the right to emit one tonne of carbon dioxide. KPTCL together with 5 Distribution Companies (ESCOMs) are going ahead with a massive programme of building the infrastructure with an annual average expenditure of Rs. 2,500/- Crores in Transmission sector and over Rs. 5000/- Crores in Distribution sector for next three years. This massive infrastructure will result in huge transmission and distribution loss reduction. KPTCL is also encouraging entrepreneurs to install wind turbine generators, minihydel plants on a large scale. All these schemes contribute to building up of carbon credits to KPTCL and ESCOMS. KPTCL is looking forward to Consultants or Agencies who can help KPTCL/ESCOMs getting the carbon credit that will accrue and earn revenue through carbon credit trading or through any other modes such as obtaining financial incentives etc.


CHAIRMAN
CPC, KPTCL.



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Kaveri Bhavan, 'A' Block, P.B. No. 9990,
BANGALORE - 560 009

No. CEE/T&P/SEE/EE(T2)/T-4/5/2007-08/

15974-79

Date:

31 OCT 2007

To,
The Chief Engineer Electricity,
Transmission Zones, KPTCL
Bangalore / Bagalkot,
Gulbarga / Hassan,
Tumkur / Mysore.

Sir,

Sub. : Post award process of the Total/Partial Turnkey tenders invited and finalized by the O/o CEE, T&P, KPTCL, Kaveri Bhavan, Bangalore.

Ref. : Approval of the D(Ty) on the note of CEE, T&P Dated 19.09.2007.

I have been directed to intimate that, all the post award process of the Total/Partial Turnkey tenders invited and finalized by O/o CEE, T&P, KPTCL, Kaveri Bhavan, Bangalore in respect of establishing of 110kV and 66kV Sub-Stations with associated lines are to be carried out at your end. However the present practice of post award process of 220kV and above category Sub-Stations and Lines will continue to be carried out at the office of the under signed.

Yours faithfully,


Chief Engineer, Electy.,
T & P, KPTCL, Bangalore

Copy to :

1. All Superintending Engineers Electrical, Transmission Works & Maintenance Circle, KPTCL.
2. All Executive Engineers Electrical, Major Works Division, KPTCL.
3. All Assistant Executive Engineers Electrical T & P, KPTCL, Kaveri Bhavan, Bangalore.
4. The Controller of Accounts, T & P, KPTCL, Kaveri Bhavan, Bangalore.
5. The Accounts Officer (I/A), T&P, KPTCL, Kaveri Bhavan, Bangalore.
6. MF/OC.



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Office of the
Chief Engineer, Electricity,
Tendering & Procurement
Kaveri Bhavan, Bangalore-9

19883-89

No: KPTCL/CEE (T&P)/KCO-65/F8132/2007-08
Encl:

Date: - 5 JAN 2008

The Chief Engineer Electy.
Transmission zone, KPTCL,
Bangalore/Tumkur/Mysore/Hassan/
Bagalkote/Gulbarga.

Sir,

Sub: Maintenance of Bank Guarantees.
Ref: T.O. Note No. CEE(T&P)/C(T&P)/KCO-65/F 8132/2007-08/19130
dated 26.12.2007

The Managing Director, KPTCL on this office note under reference has approved maintenance of the Performance Bank Guarantees furnished by the Turnkey contractors at zonal offices in future, since the supervision of works, monitoring and completion of works are done at the zonal levels. Hence it was decided to get the Bank guarantees be maintained at the respective zones where the works are executed and get the Bank Guarantee's renewed depending on the quantum of work. However the General/ Performance Bank Guarantees furnished by the suppliers will be maintained at the O/o the Chief Engineer Electy., (T&P), KPTCL, Kaveri Bhavan, Bangalore.

In this connection the Performance Bank Guarantee's valid from 01.04.2008 onwards in respect of Turnkey works which was maintained in this office pertaining to your zone will be sent in due course. The performance Bank Guarantee's which are due for renewal upto 31.03.2008 will be sent to the zones duly obtaining the renewal from the concerned Banks.

The receipt of Bank Guarantee's may please be acknowledged on receiving the same.

Yours faithfully,

K. R. Suman
Chief Engineer Electy.,
(Tendering & Procurement)

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Copy to:

1. All Superintending Engineers Ele., Transmission Works & Maintenance Circle, KPTCL.
2. All Executive Engineer Ele., Major Works Division, KPTCL,
3. All Assistant Executive Engineers Ele., T&P, KPTCL, Kaveri Bhavan, Bangalore.
4. The Controller of Accounts, T&P, KPTCL, Kaveri Bhavan, Bangalore.
5. The Accounts Officer (I/A), T&P, KPTCL, Kaveri Bhavan, Bangalore.
6. MF/OC.

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No. B28/3891/2007-08, Dated: 16-01-2008.

KARNATAKA POWER TRANSMISSION CORPORATION LTD.

**Corporate Office
Kaveri Bhavan,
Bangalore-560 009.**

SUB : Implementation and Review of the Distribution code.

READ : Commission's letter No. D/07/7/2368 dated: 29.03.2007

PREAMBLE

Karnataka Electricity Regulatory Commission vide its letter dated: 29.03.2007 has directed all Distribution Companies to form a "Review Panel" to periodically review the Distribution Code and its implementation as and when necessity arises. The Review Panel shall consist of one member from each Distribution Licensee, one member from Transmission Licensee, one member nominated by the State Transmission utility, one member each nominated from generating stations directly connected to each of the Distribution Licensee's system and one member nominated by KERC. Chairman of the panel shall be on rotation basis from each Distribution Licensee. The panel shall frame, with the approval of Karnataka Electricity Regulatory Commission (KERC), its own rules and procedures for conducting its business, including appointment and tenure of the Chairman, convener and Secretary, a standing Secretariat and appropriate funding arrangement for the panel. The panel shall meet at least once in three months. If the panel feels to any Review to be made, the Secretary of the panel shall submit a report on the out come of such review, any proposed revision/revisions, the panel may reasonably think fit for achieving the objectives of the Distribution Code.

The Chairman, KERC vide his D.O. letter, dated: 31.12.2007 addressed to Chairman, ESCOMs and Managing Director, KPTCL requested to intervene and instruct all the MDs of ESCOMs to constitute the Review Panel immediately. The Managing Director, KPTCL and Chairman of all ESCOMs in his noting has directed to constitute the Review panel immediately with the members of TCCM.

As per the directions of MD, KPTCL and Chairman of ESCOMs a Review panel for reviewing the Distribution Code and its implementation, is constituted and hence this order.

ORDER NO. KPTCL/B28/3891/2007-08

Bangalore, DATED: 16-01-08

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Approval is hereby accorded for constituting the Review Panel consisting of the following members.

1. Director Transmission, KPTCL	Chairman
2. Chief Engineer Elec., Planning & Co-ordination, KPTCL	Member
3. Chief General Manager, BMAZ, BESCOM	Member
4. Chief Engineer Elec., Corporate Planning, GESCOM	Member
5. Chief Engineer Elec., (C. O&M) CESCO	Member
6. Chief Engineer Elec., (C. O&M) MESCOM	Member
7. Chief Engineer Elec., (C. O&M) HESCOM	Member
8. Representative from Hukkeri RECS	Member
9. Deputy Director, Distribution, KERC	Member
10. One member each nominated from Generating stations directly connected to each of the Distribution Licensees system	Members
11. Super intending Engineer Elec., Planning, KPTCL	Secretary
12. Company Secretary, KPTCL	Convener

The Head Quarters of the Review Panel will be at Bangalore. The panel shall Review all the suggestions for amendments to the Distribution Code made by any of Distribution Licensees or other members and function as per the Commission's letter dated: 29.03.2007.

By Order,

**Deputy General Manager (Tech)
KPTCL**

Copy to :

1. The Director Transmission, KPTCL, Kaeri Bhavan, Bangalore
2. All Directors (Technical), BESCOM, MESCOM, GESCOM, HESCOM, CESCO
3. The Chief Engineer Electy., Planning & Co-ordination, KPTCL
4. All Chief Engineers, BESCOM, MESCOM, GESCOM, HESCOM, CESCO
5. The Deputy General Manager (Tech), KPTCL, Kaveri Bhavan, Bangalore.
6. Super intending Engineer Elec., Planning, KPTCL, Kaveri Bhavan, Bangalore
7. Deputy Director, Distribution, KERC, Bangalore.
8. Super intending Engineer Elec., RA, KPTCL, Kaveri Bhavan, Bangalore
9. The General Manager (Tech), BESCOM, MESCOM, GESCOM, HESCOM, CESCO.
10. PS to Managing Director, KPCL, BESCOM, MESCOM, GESCOM, CESCO, HESCOM, Hukkeri Rural Electrical Co-operative Society with a request to place before MD, BESCOM, MESCOM, GESCOM, CESCO, HESCOM, Hukkeri Rural Electrical Co-operative Society with a request to nominate one representative as in Sl.no.10.
11. PS to MD/D(T)/D(F)/D(Law)/Company Secretary, KPTCL, Kaveri Bhavan, Bangalore, to place the same before the Directors.
12. SA-II records.
13. MF

No. KPTCL/B28/3891/2007-08, Dated: 23-01-2008.

KARNATAKA POWER TRANSMISSION CORPORATION LTD.

KPTCL/B28/3891/07-08

Corporate Office
Kaveri Bhavan,
Bangalore-560 009.
23-01-2008.

Corrigendum

Sub : Implementation and Review of the Distribution code.
Ref : ORDER NO. KPTCL/B28/3891/2007-08 Dated: 16-01-08

In continuation to this office Corporate Order under reference, the following modifications are made.

	Existing	To be Read as
Superintending Engineer Elec., Planning, KPTCL	Secretary	Convener
Company Secretary, KPTCL	Convener	Secretary

All other contents of the Corporate Order remain unaltered.

H.V.P. Gupta
Deputy General Manager (Tech)
KPTCL

Copy to :

1. The Director Transmission, KPTCL, Kaveri Bhavan, Bangalore
2. All Directors (Technical), BESCOM, MESCOM, GESCOM, HESCOM, CESCO
3. The Chief Engineer Electy., Planning & Co-ordination, KPTCL.
4. All Chief Engineers, BESCOM, MESCOM, GESCOM, HESCOM, CESCO
5. The Deputy General Manager (Tech), KPTCL, Kaveri Bhavan, Bangalore.
6. Superintending Engineer Elec., Planning, KPTCL, Kaveri Bhavan, Bangalore
7. Deputy Director, Distribution, KERC, Bangalore.
8. Superintending Engineer Elec., RA., KPTCL, Kaveri Bhavan, Bangalore
9. The General Manager (Tech), BESCOM, MESCOM, GESCOM, HESCOM, CESCO.
10. PS to Managing Director, KPCL, BESCOM, MESCOM, GESCOM, CESCO, HESCOM, Hukkeri Rural Electrical Co-operative Society with a request to place before MD, BESCOM, MESCOM, GESCOM, CESCO, HESCOM, Hukkeri Rural Electrical Co-operative Society with a request to nominate one representative as in Sl.no:10.
11. PS to MD/D(T)/D(F)/D(Law)/Company Secretary, KPTCL, Kaveri Bhavan, Bangalore, to place the same before the Directors.
12. SA-II records.
13. MF

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MMI



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No. CEE/T&P/SEE/EE(T2)/T-4/5/2007-08/

Date:

20693-98

31 JAN 2008

To,
The Chief Engineer Electricity,
Transmission Zones, KPTCL
Bangalore / Bagalkot,
Gulbarga / Hassan,
Tumkur / Mysore.

Sir,

Sub. : Standard Bidding Documents for Establishing of 220kV,
110kV & 66kV Sub-Stations with associated lines.

Many circulars have been received in respect of tender documents in accordance with these circulars necessary changes have to be incorporated in the tender documents. Further certain modifications are also needed to be incorporated. Hence, the proposed changes are enclosed herewith for needful.

Yours faithfully,

C. R. S.
Chief Engineer, Electy.,
T & P, KPTCL, Bangalore

Copy to :

1. All Superintending Engineers Electrical, Transmission Works & Maintenance Circle, KPTCL.
2. All Executive Engineers Electrical, Major Works Division, KPTCL.
3. The Controller of Accounts, T & P, KPTCL, Kaveri Bhavan, Bangalore.
4. All Asst. Executive Engineers Electrical, T & P, KPTCL, Kaveri Bhavan, Bangalore.
5. The Accounts Officer (I/A), T&P, KPTCL, Kaveri Bhavan, Bangalore.
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Chief Engineer, Electricity,
Tendering & Procurement, KPTCL
Kaveri Bhavan, 'A' Block, P.B. No. 9990,
BANGALORE - 560 009

Date:

NOTE

Sub: Establishing of Sub-Stations and Lines on Partial turnkey / total turnkey basis - Modifications to tender clauses and change in the scope of turnkey works Reg.

168.0

The Corporation vide its order no. : KPTCL/B19/1672/91-92(2) dated 25.08.2009, has issued certain changes to the scope of the contract and also certain changes to existing tender clauses in respect of turnkey works undertaken by KPTCL. Considering these changes, the following amendments to the turnkey tender documents needs to be incorporated in Commercial Requirements Bidding documents, Volume - I.

Clause No.	As Existing	As Amended
Section IFB		
Clause No. 2.0	Issues on which clarifications are sought by the Prospective Bidders shall be submitted in writing to the Chief Engineer, Electy., Tendering & Procurement or by E Mail to Chief Engineer Electy., (T&P) at <u>cee tp@kptcl.com</u> on or before Letters seeking clarifications received subsequent to this date will not be entertained.	Issues on which clarifications are sought by the Prospective Bidders shall be submitted in writing to the Chief Engineer, Electy., Tendering & Procurement or by E Mail to Chief Engineer Electy., (T&P) at <u>cee tp@kptcl.com</u> on or before one week before the last date of submission of bids. Letters seeking clarifications received subsequent to this date will not be entertained.
Clause No. 4.1	(c) Permanent EMD holders for Turnkey Projects with KPTCL who have paid Rs.20.00 Lakhs are Not exempted from furnishing the Bid Security. PEMD HOLDERS SHOULD ALSO FURNISH BID SECURITY	Deleted
	(d) Government / Quasi Government / Public Sector Undertakings are not exempted from furnishing the Bid security. However, GOI / GOK undertakings like MECON, KAVIKA, MEI etc., are allowed to pay the stipulated EMD against individual tenders in the form of Bank Guarantee	(c) Government/Quasi Government /Public Sector Undertakings are not exempted from furnishing the Bid security. However, GOI / GOK undertakings like MECON, KAVIKA, MEI etc., are allowed to pay the stipulated EMD against individual tenders in the form of Bank Guarantee

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Clause No.	As Existing	As Amended
Clause No. 5	Bids shall be submitted in two parts viz., (1) Techno -Commercial Bid and (2) Price Bid both on Electronic Mode	Bids shall be submitted in two parts viz., (1) Techno -Commercial Bid and (2) Price Bid both on Electronic Mode. Manual bids will not be accepted
Clause No. 11.5.5 1 st Para	All the signatories of the Consortium agreement shall be only those holding valid Power of Attorney. A certified copy by the Company Secretary to the respective Members of the Consortium shall be attached, as evidence for authentication	All the signatories of the Consortium agreement shall be only those holding valid Power of Attorney. A certified copy by the Company Secretary /Authorised Signatory to the respective Members of the Consortium shall be attached as evidence for authentication.
Section ITB		
Clause No. 12.4	New Clause	Whenever ex-works price quoted by the bidder for his own manufactured items / direct transaction material between the Owner and the bidder, then the due credit under the 'MODVAT' (modified Value Added Tax), scheme as per the relevant Government policies wherever applicable, shall be taken into account by the Bidder while quoting bid price
Clause No. 12.4	The Bidder shall declare the Components that are sourced from outside the State of Karnataka. However, "C" form will be issued by KPTCL. In respect of Bought-out items split-up details should be provided by the Bidder	The Bidder shall declare the Components that are sourced from outside the State of Karnataka. In respect of Bought-out items split-up details should be provided by the Bidder
Clause No. 15.1	The Prices, only for the following items, quoted by the Bidder shall be VARIABLE without ceiling during the contractual delivery period in accordance with the relevant IEEMA/CACMAI Price Variation Formula and Indices. Price Variation is not admissible for other Items. The base date applicable for Price Variation is the date of Tendering i.e., date of Techno-Commercial Bid Opening and the base indices shall be as per IEEMA/CACMAI Circulars	The Prices, only for the following items, quoted by the Bidder shall be VARIABLE in accordance with the relevant IEEMA/CACMAI Price Variation Formula and Indices without ceiling during the contractual delivery period. Price Variation is not admissible for other Items. The base date applicable for Price Variation is the date of Tendering i.e., date of Techno-Commercial Bid Submission date as notified (either original or extended) as per IEEMA/CACMAI Circulars.
	I Equipments / Materials : 1) Circuit Breakers / Switchgears. 2) Conductors & Ground Wires. 3) Lightning Arresters. 4) Transformer Oil. 5) Tower Parts & Station Structures. 6) Control Cables. 7) HT/EHT UG Cables	I Equipments / Materials : 1) Power Transformers 2) Circuit Breakers / Switchgears. 3) Conductors & Ground Wires. 4) Lightning Arresters. 5) Transformer Oil. 6) Tower Parts, equipment mounting/Station Structures. 7) Control Cables.

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Clause No.	As Existing	As Amended
	8) Conductor Hardware. 9) Battery & Battery Chargers. 10) Instrument Transformers. 11) Insulators.	8) HT UG Cables 9) Conductor Hardware. 10) Battery & Battery Chargers. 11) Instrument Transformers. 12) Insulators
	II In respect above Electrical goods covered under works contract / procurement shall be in accordance with the relevant IEEMA / CACMAI Price Variation formulae and indices	II In respect above Electrical goods covered under works contract / procurement shall be in accordance with the relevant IEEMA / CACMAI Price Variation formulae and indices
	III In respect of Pure Civil Works shall be as per Annexure to G. O. No. FD 59 PRO CELL 2004, Bangalore, dated 26-11-2004 (Annexure - XIV)	Deleted
	IV In respect of Turnkey Projects involving Civil Works and Erection Portion shall be as per relevant Formulae as evolved by IEEMA	III In respect of Turnkey Projects involving Civil Works and Erection Portion shall be as per relevant Formulae as evolved by IEEMA. However, as far as admissibility of price variation towards erection and civil works is concerned, the same would be restricted to below appended activities only. a) Concreting (With or without steel reinforcement) b) Steel reinforcement and structural steel. c) Any other civil works where rates are individually/ independently indicated for concreting (with or without reinforcement) and Steel reinforcement and structural steel
Clause No. 15.3	New Clause inserted	Price variation shall be admitted in accordance with the IEEMA formula till the actual date of supply or contracted date of supply (including any agreed extension thereto) whichever is earlier. However, no Price variation shall be admissible beyond the contracted date of supply. i.e, price variation shall be limited to the contracted delivery date. However, If the price adjustment amount works out to be positive, the same is payable to the Contractor by the Owner and if it works out to be negative, the same is to be recovered by

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Clause No.	As Existing	As Amended
		the Owner from the Contractor:
Clause No. 15.4	15.3 A Bid submitted with deviation to Clause 15.1 & 15.2 shall be treated as Non-responsive and rejected summarily	15.4 A Bid submitted with deviation to Clause 15.1 & 15.2 shall be treated as Non-responsive and rejected summarily
Clause No. 16.5	The successful Bidder will be required to prepare detailed PERT Net Work (not Bar chart) Activity Chart and finalise the same with the Owner as per the requirement of Clause 12.0 Section GCC	The successful Bidder will be required to prepare detailed Activity Chart and finalise the same with the Owner as per the requirement of Clause 12.0 Section GCC
Clause No. 22.1	c) Permanent EMD holders for Turnkey Projects with KPTCL who have deposited Rs. 20.00 Lakhs with KPTCL, are not exempted from furnishing the Bid Security. PEMD HOLDERS SHOULD ALSO FURNISH BID SECURITY. Government/Quasi Government/ Public Sector Undertakings are not exempted from furnishing the Bid security. However, GOI / GOK undertakings like MECON, KAVIKA, MEI etc., are allowed to pay the stipulated EMD against individual tenders in the form of Bank Guarantee	c) Government/Quasi Government/ Public Sector Undertakings are not exempted from furnishing the Bid security. However, GOI / GOK undertakings like MECON, KAVIKA, MEI etc., are allowed to pay the stipulated EMD against individual tenders in the form of Bank Guarantee
Clause No. 38.4	The Successful Bidder shall observe all the formalities stipulated in the LOA within the stipulated period, failing which a penalty to an extent of 1% of Bid Security / EMD amount per day of delay beyond the prescribed time, will be levied and the same has to be paid by a crossed Demand Draft drawn in favour of the Chief Engineer, Electricity, T&P, KPTCL on the date of total compliance of the formalities stipulated in the LOA	The Successful Bidder shall observe all the formalities stipulated in the LOA within the stipulated period failing which, the KPTCL reserves the right to cancel the offer and forfeit the Earnest Money deposited by the bidder
Clause No. 39.1	As a Contract Performance Guarantee, the Successful Bidder, to whom the Work is Awarded, shall be required to furnish a Performance Guarantee from a Public Sector Indian Bank/ Scheduled Commercial Bank in the form attached as Annexure-III to this Volume-I in favour of the Owner. The Guarantee amount shall be equal to Ten percent (10%) of the Contract Price and it shall Guarantee the faithful Performance of the Contract in	As a Contract Performance Guarantee, the Successful Bidder, to whom the Work is Awarded, shall be required to furnish a Performance Guarantee from a Public Sector Indian Bank/ Scheduled Commercial Bank (in the second schedule of the RBI Act-1934) and the Bank should be covered under jurisdiction of Indian laws in the form attached as Annexure-III to this Volume-I in favour of the Owner. The Guarantee amount shall be equal to Ten percent

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Clause No.	As Existing	As Amended
	accordance with the Terms and Conditions specified in these Documents and Specifications. The Guarantee shall be valid up to 90 days after the end of Warranty Period	(10%) of the total Contract Price and it shall guarantee faithful Performance of the Contract in accordance with the Terms and Conditions specified in these Documents and Specifications. The Bank guarantee shall be valid for a period of up to 90 days after the end of guarantee Period in accordance with section 15 of GCC
Section GCC		
Clause No. 12.2	The Contractor shall submit a detailed PERT Network Chart, within the time frame agreed, consisting of adequate number of activities covering various key Phases of the Work such as Design, Procurement, Manufacturing, Shipment, Receiving of the Owner Supplied Equipments (if any), and Field Erection activities within fifteen (15) days of the date of Notice of Award of Contract. This Network shall also indicate the Interface facilities to be provided by the Owner and the dates by which such facilities are needed. The Contractor shall discuss the Network so submitted with the Owner and the agreed Network shall form part of the Contract Documents. During the Performance of the Contract, if in the opinion of the Engineer, proper progress is not maintained, Suitable changes shall be made in the Contractor's Operations to ensure proper progress without any Cost implication to the Owner. The Interface Facilities to be provided by the Owner in accordance with the agreed Network shall also be reviewed while reviewing the progress of the Contract. The PERT Network should be reviewed, updated, once every Month and submitted to Engineer for approval.	The Contractor shall submit a detailed Activity Chart acceptable to the owner, within the time frame agreed, consisting of adequate number of activities covering various key Phases of the Work such as Design, Drawings, Procurement, Manufacturing, Shipment, Receiving of the Owner Supplied Equipments (if any), and Field Erection activities within fifteen (15) days of the date of Notice of Award of Contract. This Network shall also indicate the Interface facilities to be provided by the Owner and the dates by which such facilities are needed. The Contractor shall discuss the Chart so submitted with the Owner and the agreed Chart shall form part of the Contract Documents. During the Performance of the Contract, if in the opinion of the Engineer, proper progress is not maintained, Suitable changes shall be made in the Contractor's Operations to ensure proper progress without any Cost implication to the Owner. The Interface Facilities to be provided by the Owner in accordance with the agreed Chart shall also be reviewed while reviewing the progress of the Contract. The Activity Chart should be reviewed, updated, once every Month and submitted to Engineer for approval
Clause No. 12.3	Based on the above-agreed Network Chart, fortnightly reports shall be submitted by the Contractor as directed by the Engineer	Based on the above-agreed Activity Chart, fortnightly reports shall be submitted by the Contractor as directed by the Engineer
Clause No. 12.4	Subsequent to the, finalization of the Network, the Contractor shall make available to the Engineer a detailed Manufacturing Program, in line with the agreed Contract Network. Such Manufacturing Program shall be	Subsequent to the, finalization of the Chart, the Contractor shall make available to the Engineer a detailed Manufacturing Program, in line with the agreed Contract Activity Chart. Such Manufacturing Program shall be

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Clause No.	As Existing	As Amended
	reviewed, updated and submitted to the Engineer once every two Months thereafter	reviewed, updated and submitted to the Engineer once every two Months thereafter
Clause No. 12.5	The above PERT Charts/ Manufacturing Program shall be compatible with the Owner's Computer environment and furnished to the Owner on such Media as may be desired by the Owner	The above Activity Chart/ Manufacturing Program shall be compatible with the Owner's Computer environment and furnished to the Owner on such Media as may be desired by the Owner
Clause No. 13.0	Effectiveness of Contract: The Contract shall be considered as having come into force from the date of the Notification of Award unless otherwise provided in the Notification of Award	Effectiveness of Contract: The Contract shall be considered as having come into force from the date of the Notification of Letter of Award unless otherwise provided in the Notification of Award.
Clause No. 14.0	Liquidated Damages:	Penalty:
Clause No. 14.1	For Equipment Portion (Excluding Spares): If the Contractor fails to successfully complete the Commissioning within the time fixed under the Contract, the Contractor shall pay to the Owner as Liquidated Damages and not as Penalty, a Sum specified for each specified period of Delay. The details of such Liquidated Damages are brought out in the accompanying Special Conditions of Contract (SCC). Equipment and Materials will be deemed to have been delivered only when all its Components, Parts are also delivered. If certain Components are not delivered in time, the Equipment and Materials will be considered as delayed until such time the missing Parts are also delivered. The total amount of Liquidated Damages for delay under the Contract will be subject to a maximum 20% of the Contract Price	For Equipment Portion (Excluding Spares): If the Contractor fails to successfully complete the Commissioning within the time fixed under the Contract, the Contractor shall pay to the Owner as Penalty, a Sum specified for each specified period of Delay. The details of such Penalty are brought out in the accompanying Special Conditions of Contract (SCC). Equipment and Materials will be deemed to have been delivered only when all its Components, Parts are also delivered. If certain Components are not delivered in time, the Equipment and Materials will be considered as delayed until such time the missing Parts are also delivered. The total amount of Penalty for delay under the Contract will be subject to a maximum 10% of the Contract Price
Clause No. 14.2.1	Unless otherwise specified in the Special Conditions of Contract, the Liquidated Damages for delay in supply of Spares, beyond the dates stipulated under Clause 36.2 Section GCC shall be of 1% (One percent) of the Price of undelivered Spares per week or part thereof	Unless otherwise specified in the Special Conditions of Contract, the Penalty for delay in supply of Spares, beyond the dates stipulated under Clause 36.2 Section GCC shall be of 1/2 % (Half percent) of the Price of undelivered Spares per week or part thereof.

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Clause No.	As Existing	As Amended
Clause No. 14.2.2	The total amount of Liquidated Damages for delay under the Contract will be subject to a maximum of Twenty percent (20%) of the value of Contract unless otherwise specifically mentioned in Special Conditions of Contract	The total amount of Penalty for delay under the Contract will be subject to a maximum of Ten percent (10%) of the value of Contract unless otherwise specifically mentioned in Special Conditions of Contract
Clause No. 14.2.3	Liquidated Damages for not meeting Performance Guarantees during the Performance and Guarantee Tests shall be assessed and recovered from the Contractor as detailed in Technical Specification/ Special Conditions of Contract. Such Liquidated Damages shall be without any limitation whatsoever and shall be in addition to Damages, if any, payable under any other Clause of Condition of Contract	Penalty for not meeting Performance Guarantees during the Performance and Guarantee Tests shall be assessed and recovered from the Contractor as detailed in Technical Specification/ Special Conditions of Contract. Such penalty shall be without any limitation whatsoever and shall be in addition to penalties/damages if any, payable under any other clause of condition of contract
Clause No. 15.1	The Contractor shall warrant that the Equipment supplied by him will be new, unused and in accordance with the Contract Documents and free from defects in Material and Workmanship for a period of twelve (12) Calendar Months commencing immediately upon the satisfactory commissioning. The Contractor's liability shall be limited to the replacement of any defective parts in the Equipment of his own Manufacture or those of his Sub-Contractors, under normal use and arising solely from faulty Design, Materials and/or Workmanship provided always that such defective parts are repairable at the Site and are not in the meantime essential in the Commercial use of the Equipment. Such replaced/ defective parts shall be returned to the Contractor unless otherwise arranged. No repairs or replacement shall normally be carried out by the Engineer, when the Equipment is under the supervision of the Contractor's Supervisory Engineer	The Contractor shall Guarantee that the Equipment supplied by him will be new, unused and in accordance with the Contract Documents and free from defects in Material and Workmanship for a period of 24 (twenty four) months in respect of Power Transformer and 12 (twelve) Months for rest of the project commencing immediately upon the satisfactory commissioning. The Contractor's liability shall be limited to the replacement of any defective parts in the Equipment of his own Manufacture or those of his Sub-Contractors, under normal use and arising solely from faulty Design, Materials and/or Workmanship provided always that such defective parts are repairable at the Site and are not in the meantime essential in the Commercial use of the Equipment. Such replaced/ defective parts shall be returned to the Contractor unless otherwise arranged. No repairs or replacement shall normally be carried out by the Engineer, when the Equipment is under the supervision of the Contractor's Supervisory Engineer
Clause No. 15.3	If it becomes necessary for the Contractor to replace or renew any defective portions of the Works, the provision of this Clause shall apply to portion of the Works so replaced or renewed until the expiry of twelve (12)	If it becomes necessary for the Contractor to replace or renew any defective portions of the Works, the provision of this Clause shall apply to portion of the Works so replaced or renewed until the expiry of 24 (twenty

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Clause No.	As Existing	As Amended
	Months from the date of such replacement or renewal. If any defects are not remedied within a reasonable time, the Engineer may proceed to do the Work at the Contractor's risk and Cost but without prejudice to any other	four) months in respect of Power Transformers and 12 (twelve) Months for the rest of the project from the date of such replacement or renewal. If any defects are not remedied within a reasonable time, the Engineer may
	rights, which the Owner may have against the Contractor in respect of such defects	proceed to do the Work at the Contractor's risk and Cost but without prejudice to any other rights, which the Owner may have against the Contractor in respect of such defects
Clause No. 15.8	At the end of the Guarantee Period, the Contractor's liability as mentioned in Clause Nos. 15.1 through 15.7 above shall remain till the end of 5 years from the date of Completion of Guarantee Period. In respect of Goods supplied by Sub-Contractors to the Contractor where a longer Guarantee (more than 12 Months) is provided by such Sub-Contractor, the Owner shall be entitled to the benefit of such longer Guarantees	In respect of Goods supplied by Sub-Contractors to the Contractor where a longer Guarantee (more than 12 Months) is provided by such Sub-Contractor, the Owner shall be entitled to the benefit of such longer Guarantees
Clause No. 22.1	No Alterations, Amendments, Omissions, Suspensions or Variations of the Works (hereinafter referred to as 'Variation') under the Contract as detailed in the Contract Documents, shall be made by the Contractor except as directed in writing by the Engineer, but the Engineer shall have full powers, subject to the provisions hereinafter contained, from time to time, during the execution of the Contract, to issue Notice in writing to instruct the Contractor to make such Variation without prejudice to the Contract. The Contractor shall carry out such Variation and be bound by the same conditions as far as applicable as though the said Variations occurred in the Contract Documents. If any suggested Variations would, in the opinion of the Contractor, if carried out, prevent him from fulfilling any of his obligations or Guarantees under the Contract, he shall notify the Engineer thereof in writing and the Engineer shall decide forthwith whether or not, the same shall be carried out and if the Engineer confirms his instructions, the Contractor's obligations and Guarantees shall be modified to such an extent as	No Alterations, Additions, Amendments, Omissions, Suspensions or Variations of the Works (hereinafter referred to as 'Variation') under the Contract as detailed in the Contract Documents, shall be made by the Contractor except as directed in writing by the Engineer, but the Engineer shall have full powers, subject to the provisions hereinafter contained, from time to time, during the execution of the Contract, to issue Notice in writing to instruct the Contractor to make such Variation without prejudice to the Contract. The Contractor shall carry out such Variation and be bound by the same conditions as far as applicable as though the said Variations occurred in the Contract Documents. If any suggested Variations would, in the opinion of the Contractor, if carried out, prevent him from fulfilling any of his obligations or Guarantees under the Contract, he shall notify the Engineer thereof in writing and the Engineer shall decide forthwith whether or not, the same shall be carried out and if the Engineer confirms his instructions, the Contractor's obligations and Guarantees shall be modified to such an extent as may be mutually agreed to. Any

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Clause No.	As Existing	As Amended
	may be mutually agreed to. Any agreed difference in Cost occasioned by any such variation shall be added to or reduced from the Contract Price as the case may be	difference in Cost occasioned by any such variation shall be added to, or reduced from the Contract Price as the case may be
Clause No. 22.4	If any variation in the Works results in reduction of Contract Price, the Parties shall agree, in writing, as to the extent of any change in the Price, before the Contractor proceeds with the Change	Deleted.
Clause No. 22.6	Notwithstanding anything stated above in this Clause, the Engineer shall have the full power to instruct the Contractor, in writing, during the execution of the Contract to vary the Quantities of the items or groups of items in accordance with the provision of Clause entitled 'Change of Quantity' in Section GCC of this Volume - I. The Contractor shall carry out such Variations and be bound by the same conditions as though the said Variations occurred in the Contract Documents. However, the Contract Price shall be adjusted at the rates and the Prices provided for the Original Quantities in the Contract.	Notwithstanding anything stated above in this Clause, the Engineer shall have the full power to instruct the Contractor, in writing, during the execution of the Contract to vary the Quantities of the items or groups of items in accordance with the provision of Clause entitled 'Change of Quantity' in clause 24 of Section GCC of this Volume - I. The Contractor shall carry out such Variations and the contract price shall be adjusted in accordance with clause 24 of section GCC.
Clause No. 24.1	In case of discrepancy in Quantities indicated in the Drawings and that specified in Price Schedule, actual Quantities indicated in Price Schedule to be followed	In case of discrepancy in Quantities indicated in the Drawings and that specified in Price Schedule, actual Quantities indicated in Price Schedule to be followed while quoting
Clause No. 24.2	During the execution of the Contract, the Owner reserves the right to increase or decrease the Quantities of items under the Contract but without any change in unit Price or other Terms and Conditions. Such Variations, unless otherwise specified in the accompanying Special Conditions of Contract and or Technical Specifications, shall not be subjected to any limitations for the individual items but the total Variation in all such items under the Contract shall be limited to a percentage of the Contract Price as specified in the Special Conditions of Contract. The Owner reserves the right to Order excess Quantity not exceeding 10% of the Value of the Contract with in one year after Completion of the Contract. The Contractor shall supply	<p>For Electrical and all other items:- During the execution of the Contract, the Owner reserves the right to increase the Quantities of items without any ceiling limit under the Contract without any change in unit rate or other terms and condition of the contract.</p> <p>For Civil works:- During the execution of the Contract, the Owner reserves the right to increase the Quantities of items under the Contract with a ceiling limit of 25% for each of the individual items without any change in unit rate or other terms and condition of the contract. However, for quantities exceeding 25%, the pricing of any such increase shall be decided by mutual negotiations with the contractor keeping the KPWD</p>

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Clause No.	As Existing	As Amended
	the same, if Ordered, at the same Unit Rates of the Contract. The Contractor shall make use of the Materials available with the Owner as and when	schedule of rates as reference. For both electrical and civil works:- If unit rates or prices for any such
	the Contractor is asked to do so by the Owner and the Cost of those Materials will not be paid to the Contractor	changes are not available in the contract, the pricing of any such changes shall be calculated in accordance with the KPWD/KPTCL schedule of rates or data rates as the case may be, whichever is advantageous to the owner without any ceiling limit. <i>lower</i> <i>Additional expansion</i> Further, the Owner reserves the right to Order excess Quantity not exceeding 10% of the Value of the total Contract price with in one year after Completion of the Contract and the Contractor shall supply the same, if Ordered, at the same Unit Rates of the Contract. The Contractor shall make use of the Materials available with the Owner as and when the Contractor is asked to do so by the Owner and the Cost of those Materials will not be paid to the Contractor
Clause No. 24.3	The Contract Price shall accordingly be adjusted based on the Unit Rates available in the Contract for the change in Quantities as above. The base Unit Rates, as identified in the Contract shall however remain constant during the currency of the Contract, except as provided for in Clause 33.0 below. In case the Unit Rates are not available for the change in Quantity, the same shall be subject to mutual agreement	The Contract Price shall accordingly be adjusted based on the Unit Rates available in the Contract for the change in Quantities as above. The base Unit Rates, as identified in the Contract shall however remain constant during the currency of the Contract, except as provided for in Clause 33.0 below
Clause No. 29.0	Training of Owner's Personnel	VOID
Clause No.	As Existing	As Amended
Clause No. 33.1	The Prices, only for the following items, quoted by the Bidder shall be VARIABLE without ceiling during the contractual delivery period in accordance with the relevant IEEMA/CACMAI Price Variation Formula and Indices. Price Variation is not admissible for other Items. The base date applicable for Price Variation is the date of Tendering i.e., date of Techno-Commercial Bid Opening and the base indices shall be as per IEEMA/	The Prices, only for the following items, quoted by the Bidder shall be VARIABLE in accordance with the relevant IEEMA/CACMAI Price Variation Formula and Indices without ceiling during the contractual delivery period. Price Variation is not admissible for other Items. The base date applicable for Price Variation is the date of Tendering i.e., date of Techno-Commercial Bid Submission / Opening and the base indices shall be as per

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Clause No.	As Existing	As Amended
	CACMAI Circulars	IEEMA/ CACMAI Circulars
	I Equipments / Materials : 12) Circuit Breakers / Switchgears. 13) Conductors & Ground Wires. 14) Lightning Arresters. 15) Transformer Oil. 16) Tower Parts & Station Structures. 17) Control Cables. 18) HT UG Cables 19) Conductor Hardware. 20) Battery & Battery Chargers. 21) Instrument Transformers. 22) Insulators.	I Equipments / Materials : 13) Power Transformers 14) Circuit Breakers / Switchgears. 15) Conductors & Ground Wires. 16) Lightning Arresters. 17) Transformer Oil. 18) Tower Parts, equipment mounting/Station Structures. 19) Control Cables. 20) HT UG Cables 21) Conductor Hardware. 22) Battery & Battery Chargers. 23) Instrument Transformers. 24) Insulators
	II In respect above Electrical goods covered under works contract / procurement shall be in accordance with the relevant IEEMA / CACMAI Price Variation formulae and indices	II In respect above Electrical goods covered under works contract / procurement shall be in accordance with the relevant IEEMA / CACMAI Price Variation formulae and indices
	III In respect of Pure Civil Works shall be as per Annexure to G. O. No. FD 59 PRO CELL-2004, Bangalore, dated 26-11-2004 (Annexure - XIV)	Deleted
	IV In respect of Turnkey Projects involving Civil Works and Erection Portion shall be as per relevant Formulae as evolved by IEEMA	III In respect of Turnkey Projects involving Civil Works and Erection Portion shall be as per relevant Formulae as evolved by IEEMA. However, as far as admissibility of price variation towards erection and civil works is concerned, the same would be restricted to below appended activities only. a) Concreting (With or without steel reinforcement) b) Steel reinforcement and structural steel. c) Any other civil works where rates are individually/ independently indicated for concreting (with or without reinforcement) and Steel reinforcement and structural steel
Clause No. 34.3	Payment Schedule: The Contractor shall prepare and 'Submit to the Engineer for approval a break up of the Contract Price. This Contract Price break-up shall be inter-linked with the agreed detailed PERT Net Work of the Contractor setting forth his starting and Completion dates for the various key phases of Works prepared as per condition in Clause 12.0 of Section-III, General terms & Conditions-GCC, Volume-I. Any Payment under the Contract shall be made only after the Contractor's Price break-up is approved by the Engineer	Payment Schedule: The Contractor shall prepare and 'Submit to the Engineer for approval a break up of the Contract Price. This Contract Price break-up shall be inter-linked with the agreed detailed activity Net Work of the Contractor setting forth his starting and Completion dates for the various key phases of Works prepared as per condition in Clause 12.0 of Section-III, General terms & Conditions-GCC, Volume-I. Any Payment under the Contract shall be made only after the Contractor's Price break-up is approved by the Engineer.

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Clause No.	As Existing	As Amended
Clause No. 36.6.1	<p>c). For Long Term Requirement: For items of Spares that may be Ordered by the Owner to cover requirements beyond 3 years of initial Operation of the Plant, the Warranty will be till the expiry of 6000 hrs of trouble free Operation if used it with in a period of 18 Months from the date of delivery at Site. For items of Spares that may be used after 18 Months from the date of delivery at Site, the Warranty period will be 12 Months from the date they are put to use or 6000 hrs of trouble free Operation, whichever is earlier</p>	<p>c). For Long Term Requirement: For items of Spares that may be Ordered by the Owner to cover requirements beyond 3 years of initial Operation of the Plant, the Warranty will be till the expiry of 6000 hrs of trouble free Operation if used with in a period of 18 Months from the date of delivery at Site. For items of Spares that may be used after 18 Months from the date of delivery at Site, the Warranty period will be 12 Months from the date they are put to use or 6000 hrs of trouble free Operation, whichever is earlier.</p>
Clause No. 44.1	<p>If the Contractor shall neglect to execute the Works with due diligence and expediency or shall refuse or neglect to comply with any reasonable Order given to him, in writing by the Engineer in connection with the Works or shall contravene the provisions of the Contract, the Owner may give Notice in writing to the Contractor to make good the failure neglect or contravention complained of. Should the Contractor fail to comply with the Notice within thirty (30) days from the date of serving the Notice, then and in such case the Owner shall be at liberty to employ other Workmen and forthwith execute such part of the Works as the Contractor may have neglected to do or if the Owner shall think fit, without prejudice to any other right he may have under the Contract to take the Work wholly or in part out of</p>	<p>If the Contractor shall neglect to execute the Works with due diligence and expediency or shall refuse or neglect to comply with any reasonable Order given to him, in writing by the Engineer in connection with the Works or shall contravene the provisions of the Contract, the Owner may give Notice in writing to the Contractor to make good the failure neglect or contravention complained of. Should the Contractor fail to comply with the Notice within thirty (30) days from the date of serving the Notice, then and in such case the Owner shall be at liberty to employ other Workmen and forthwith execute such part of the Works as the Contractor may have neglected to do or if the Owner shall think fit, without prejudice to any other right he may have under the Contract to take the Work wholly or in part out of the Contractor's hands and re-</p>
	<p>the Contractor's hands and re-Contract with any other Persons or Persons to complete the Works or any part thereof and in that event the Owner shall have free use of all Contractor's Equipment that may have been at the time on the Site in connection with the Works without being responsible to the Contractor for fair wear and tear thereof and to the exclusion of any right of the Contractor over the same, and the Owner shall be entitled to retain and apply balance which may otherwise be due on the Contract by him to the Contractor, or such part of the Works</p>	<p>Contract with any other Persons or Persons to complete the Works or any part thereof and in that event the Owner shall have free use of all Contractor's Equipment that may have been at the time on the Site in connection with the Works without being responsible to the Contractor for fair wear and tear thereof and to the exclusion of any right of the Contractor over the same, and the Owner shall be entitled to retain and apply balance which may otherwise be due on the Contract by him to the Contractor, or such part of the Works or of completing the Works as the case may be. If the</p>

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Clause No.	As Existing	As Amended
	or of completing the Works as the case may be. If the Cost of completing the Works or executing a part there of as aforesaid shall exceed the balance due to the Contractor, the Contractor shall pay such excess amount. Such Payment of excess amount shall be independent of the Liquidated Damages for delay, which the Contractor shall have to pay if the Completion of Works is delayed	Cost of completing the Works or executing a part there of as aforesaid shall exceed the balance due to the Contractor, the Contractor shall pay such excess amount. Such Payment of excess amount shall be independent of the Penalty for delay, which the Contractor shall have to pay if the Completion of Works is delayed.
Clause No.44.2	In addition, such action by the Owner as aforesaid shall not relieve the Contractor of his liability to pay Liquidated Damages for delay in Completion of Works as defined in Clause 14.0 of this Section	In addition, such action by the Owner as aforesaid shall not relieve the Contractor of his liability to pay Penalty for delay in Completion of Works as defined in Clause 14.0 of this Section.
Clause No. 45.3	b) Imposition of Liquidated Damages and/or	b) Imposition of Penalty and/or
Clause No. 51.0	Collaborator/ Associates	Collaborator/ Associates/ Consortium :
Clause No. 51.1	In case of Bids where the Bidder has Associated with Collaborator/ Associate and establishes Satisfactory fulfillment of the Qualification Requirements stipulated in the Bid Documents based on the experience of such Collaborator/ Associate, then such Collaborator/Associate shall be, jointly and severally, bound with the Bidder and responsible to the Owner for successful Performance of the Contract. Such Document shall be addressed to the Owner and shall be signed by such Collaborator/ Associate. The Model format of the above Document is enclosed as Annexure - XI	In case of Bids where the Bidder has Associated with Collaborator / Associate / Consortium partners and establishes Satisfactory fulfillment of the Qualification Requirements stipulated in the Bid Documents based on the experience of such Collaborator/ Associate / Consortium, then such Collaborator / Associate / Consortium shall be, jointly and severally, bound with the Bidder and responsible to the Owner for successful Performance of the Contract. Such Document shall be addressed to the Owner and shall be signed by such Collaborator/ Associate / Consortium Partners. The Model format
		of the above Document is enclosed as Annexure - XI for Collaboration and as Annexure - XV for Consortium
Clause No. 51.2	As a Security, the Bidder shall furnish the Additional Contract Performance Guarantee as stated in Instructions to Bidders. The Guarantee amount shall be payable to the Owner on demand	In case of Collaboration as a Security, the Bidder shall furnish the Additional Contract Performance Guarantee as stated in Instructions to Bidders. The Guarantee amount shall be payable to the Owner on demand
Clause No. 52.1	Any Notice given by one Party to the other, pursuant to Contract, shall be sent in writing by Registered Post with Acknowledgement Due or Fax. Fax Notice shall be confirmed in writing to the address specified in the Contract	Any Notice given by one Party to the other, pursuant to Contract, shall be sent in writing by Registered Post with Acknowledgement Due or Fax. Fax Notice shall be confirmed in writing to the address specified in the Contract and

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Clause No.	As Existing	As Amended
		Chief Engineer Elec of Transmission Zone concerned
Clause No. 52.2	Notice(s) shall be deemed to have been duly and properly served upon the Parties hereto, if sent by any of the above-mentioned methods to the address mentioned in the Contract	Notice(s) shall be deemed to have been duly and properly served upon the Parties hereto, if sent by any of the above-mentioned methods to the address mentioned in the Contract and Chief Engineer Elec of Transmission Zone concerned
Section SCC		
Contents	Cl. No. 13 - Liquidated Damages for Delay in Completion	Cl. No. 13 - Penalties for Delay in Completion
Clause No. 2.2.1	i) Power Transformer - Transformers will be supplied by the Corporation and the Bidder has to carryout the erection, testing and commissioning of the Transformer.	Power Transformer
	Note : All the Equipments / Meters Proposed for the Sub-Station should be SCADA & Sub-Station Automation Compatible and the Energy meters should have ABT features.	Note : All the Equipments / Meters Proposed for the Sub-Station should be SCADA & Sub-Station Automation operational and the Energy meters should have ABT features.
Clause No. 5.6.2	NEW CLAUSE	Settlement of Final Claims; The turnkey agency shall submit the price variation bills within one months of supply of individual materials where price variation is applicable with all relevant documents to the office of the Executive Engineer Electrical, Major Works Division and the same shall be passed by the Chief Engineer Electricity, Transmission Zone within two months from the date of submission of the bills by the turnkey Agency. All the Agencies / Contractors, have to complete balance works of their commissioned projects and final bills of Retention, Quantity Variation, Price Variation, Penalty, etc., if any has to be claimed within 3 months from the date of commissioning of the project. The concerned Division Office has to settle all the claims of the Firm within 2 months from the date of receipt of final bills.
Clause No. 8.2.1 STAGES	The terms of Payments will be as stated below;	The terms of Payments will be as stated below;

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Clause No.	As Existing	As Amended
<p>OF PAYMENT: of Section - SCC</p>	<p>(1) Seventy percent(70%) of the works price plus 100% taxes and duties and 100% Freight & Insurance charges in respect of both direct transaction materials (on receipt of 1st Bill after supply of Turnkey Materials) and Seventy percent (70%) of the Total price including taxes and duties and 100% Freight & Insurance charges in respect of Bought Out items shall be paid on MAS (Material Acknowledgement Statement) subject to the following:</p> <ol style="list-style-type: none"> 2. Material Acknowledgement Statement issued by the consignee Divisions. ii. Copy of the Certificate of Transit Insurance. iii. Pre-dispatch clearance certificate issued by the owner, prior to dispatch of the Consignment. iv. Packing list/ Bill of materials. 3. Contractor's Detailed Invoice. vi. Test Certificates. vii. Physical Verification Certificate by the site Engineers. 	<p>(2) Fifty percent(50%) of the works price plus 100% taxes and duties and 100% Freight & Insurance charges in respect of both direct transaction materials (on receipt of 1st Bill after supply of Turnkey Materials) and Fifty percent (50%) of the Total price including taxes and duties and 100% Freight & Insurance charges in respect of Bought Out items shall be paid on MAS (Material Acknowledgement Statement) subject to the following:</p> <ol style="list-style-type: none"> 4. Material Acknowledgement Statement issued by the consignee Divisions. ii. Copy of the Certificate of Transit Insurance. iii. Pre-dispatch clearance certificate issued by the owner, prior to dispatch of the Consignment. v. Packing list/ Bill of materials. 5. Contractor's Detailed Invoice. vi. Test Certificates. vii. Physical Verification Certificate by the site Engineers.
	<p>(2) 10 percent (10%) of Ex-works price of Direct transaction materials/ Ten percent (10%) of total price including taxes and duties in respect of bought out items shall be paid progressively on erection of the equipments/materials.</p> <p>(3) 10 percent (10%) of Ex-works price of Direct transaction materials/ Ten percent (10%) of total price including taxes and duties in respect of bought out items shall be paid on successful completion of Trail Operation.</p> <p>(4) Ten percent (10%) of the Ex-works price in respect of direct transaction materials / Ten percent</p>	<p>(2) 30 percent (30%) of Ex-works price of Direct transaction materials/ Thirty percent (30%) of total price including taxes and duties in respect of bought out items shall be paid progressively on erection of the equipments/materials.</p> <p>(3) 10 percent (10%) of Ex-works price of Direct transaction materials/ Ten percent (10%) of total price including taxes and duties in respect of bought out items shall be paid on successful completion of Trail Operation.</p> <p>(4) Ten percent (10%) of the Ex-works price in respect of direct transaction materials / Ten</p>

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Clause No.	As Existing	As Amended
	(10%) of total price including taxes and duties in respect of bought out items shall be paid on submission of required number of reproducible, manuals, approved drawings, test report and pamphlets and complete documents pertaining to Transmission lines / Sub-Stations.	percent (10%) of total price including taxes and duties in respect of bought out items shall be paid on submission of required number of reproducible, manuals, approved drawings, test report and pamphlets and complete documents pertaining to Transmission lines / Sub-Stations.
Clause No. 8.2.1 STAGES OF PAYMENT: of Section - SCC	The above Payment terms are Subject to the following conditions stated herein below: (3) The Zonal Chief Engineers, Electricity, Should ensure before making any payment towards materials received that the material has been supplied as per BAR and PERT Chart pertaining to the work concerned.	The above Payment terms are Subject to the following conditions stated herein below: i. The Zonal Chief Engineers, Electricity, Should ensure before making any payment towards materials received that the material has been supplied as per Activity Chart pertaining to the work concerned.
Clause No. 8.2.2	The Bills will be passed on the basis of the following certificates: 1. Certificate recorded by the Contractor that the Materials/Equipments are received as per the Terms and Conditions of the Purchase order placed for Materials and Partial Turnkey Agreement entered into by him with KPTCL. 2. Certificate recorded by the Junior Engineer, Elec/Asst. Engineer, Elec designated as "Site Engineer or	The Bills will be passed on the basis of the following certificates: 1. Certificate recorded by the Contractor that the Materials/Equipments are received as per the Terms and Conditions of the Purchase order placed for Materials and Partial Turnkey Agreement entered into by him with KPTCL. 2. Certificate recorded by the Junior Engineer, Elec/Asst. Engineer, Elec designated as "Site Engineer or
	Engineer in charge of Work" to the effect that the Materials/Equipments are actually received in the Store of the Partial Turnkey Contractor or at Site as per the Terms and Conditions of the Purchase order placed for Materials and Partial Turnkey Agreement entered into by him with KPTCL.	Engineer in charge of Work" to the effect that the Materials/Equipments are actually received in the Store of the Turnkey Contractor or at Site as per the Terms and Conditions of the Purchase order placed for Materials and Turnkey Agreement entered into by him with KPTCL.
8.5	Payment should be made to the Contractor within 15 days from the date of passing the bill. For any delayed Payment KPTCL shall pay 6% simple interest to that amount to the Contractor. In case of funding by PFC or other Lending Agencies where Payments are arranged directly to the Contractor by the Lending Agencies, KPTCL will pay interest only if the bills are not sent to	Deleted.

Clause No.	As Existing	As Amended
	them within 15 days of passing the bills, irrespective of the time taken by the Lending Agencies for arranging Payment.	
Clause No. 10.0 WORK SCHEDULE	10.1 The Bidder shall include in this Work Schedule his program for furnishing Designs, Testing, Supply of Materials (in his Scope), when the Owner Supplied Equipments to be provided (if any) and Erecting the Equipments and Commissioning covered in the Bid Documents. The Program shall be in the form of Master Network identifying Key Phases in various areas of the total Works like procurement of Materials and Bought Out items, Testing, Manufacture, deliveries and Field activities. The Master Network shall conform to the following Scheduled Commissioning Period reckoned from the Date of Award Letter	10.1 The Bidder shall include in this Work Schedule his program for furnishing Designs, Testing, Supply of Materials (in his Scope), when the Owner Supplied Equipments to be provided (if any) and Erecting the Equipments and Commissioning covered in the Bid Documents. The Program shall be in the form of Activity Chart identifying Key Phases in various areas of the total Works like procurement of Materials and Bought Out items, Testing, Manufacture, deliveries and Field activities. The Activity Chart shall conform to the following Scheduled Commissioning Period reckoned from the Date of Award Letter
Clause No. 10.0 WORK SCHEDULE	<p>" COMMISSIONING PERIOD IS 9 (NINE) MONTHS FROM THE DATE OF LETTER OF INTENT TO AWARD THE CONTRACT, INCLUDING MONSOON PERIOD."</p> <p>While preparing the above mentioned Master Net Work, the Contractor may take guidance from the Tentative Dates of various activities indicated in the Technical Specification. The Owner has no objection to modify the intermittent activities without affecting the Final Completion Schedule. However, all the Schedules shall be approved by the Owner.</p> <p>This Master Network will be discussed and agreed to before the Award of Contract. It may be required by the Owner to revise the periods indicated above based on the interface requirements of the Project. Such revisions, if made, will be finalised before the Award of Contract. The provisions of Clauses 14.0 and 44.00 Section -III, General Conditions of Contract-GCC, Volume-I and Clause 13.0 Section -V, Special Conditions of</p>	<p>" COMMISSIONING PERIOD IS 9 (NINE) MONTHS FROM THE DATE OF LETTER OF INTENT TO AWARD THE CONTRACT INCLUDING MONSOON PERIOD."</p> <p>While preparing the above mentioned Activity Chart, the Contractor may take guidance from the Tentative Dates of various activities indicated in the Technical Specification. The Owner has no objection to modify the intermittent activities without affecting the Final Completion Schedule. However, all the Schedules shall be approved by the Owner.</p> <p>This Activity Chart will be discussed and agreed to before the Award of Contract. It may be required by the Owner to revise the periods indicated above based on the interface requirements of the Project. Such revisions, if made, will be finalised before the Award of Contract. The provisions of Clauses 14.0 and 44.00 Section -III, General Conditions of Contract-GCC, Volume-I and Clause 13.0 Section -V, Special Conditions of</p>


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Clause No.	As Existing	As Amended
	Contract-SCC, Volume-I regarding Liquidated Damages leviable for delays shall become effective after the dates mentioned above.	Contract-SCC, Volume-I regarding Penalty leviable for delays shall become effective after the dates mentioned above.
Clause No. 10.3	10.3 The provisions of Liquidated Damages leviable in case of delay in Completion shall become effective after the periods mentioned above for successful Completion of Testing and Commissioning.	10.3 The provisions of Penalty leviable in case of delay in Completion shall become effective after the periods mentioned above for successful Completion of Testing and Commissioning.
Clause No. 10.4	10.4 Within one Month of Notification of Award, the Contractor shall submit for review and approval, detailed Network Schedules based on Master Net Work (mutually agreed by the Owner and Contractor) to the Engineer showing the logic and duration of activities in the following areas.	10.4 Within one Month of Notification of Award, the Contractor shall submit for review and approval, detailed Network Schedules based on Activity Chart (mutually agreed by the Owner and Contractor) to the Engineer showing the logic and duration of activities in the following areas.
	c) Inputs required from Owner (including handing over of Owner Supplied Equipments/Materials to the Contractor) for smooth and timely execution of Contract and also major details / information to be submitted by Contractor for further related Engineering to be done by Owner/Consultant. These are to be identified in the Net Work based on details finalised during pre-Award discussions. After approval of the Network Schedules, the Contractor shall submit one reproducible of the Master of Network as well as detailed Network with sufficient Nos. of prints as desired by Owner.	c) Inputs required from Owner (including handing over of Owner Supplied Equipments/Materials to the Contractor) for smooth and timely execution of Contract and also major details / information to be submitted by Contractor for further related Engineering to be done by Owner/Consultant. These are to be identified in the Net Work based on details finalised during pre-Award discussions. After approval of the Activity Chart , the Contractor shall submit one reproducible of the Activity Chart as well as detailed Network with sufficient Nos. of prints as desired by Owner.
Clause No. 10.9	10.9 The Contractor shall submit to the Owner/Engineer the detailed Bill of Materials, within 3 Months of the Notification of Award. Additions / deletions to the Bill of Materials, during detailed Engineering will also be incorporated in the Bill of Materials within 2 weeks of the approval of the Drawings, if such approval of Drawings necessitates the change.	10.9 The Contractor shall submit to the Owner/Engineer the detailed Bill of Materials, within 45 days of the Notification of Award. Additions / deletions to the Bill of Materials, during detailed Engineering will also be incorporated in the Bill of Materials within 2 weeks of the approval of the Drawings, if such approval of Drawings necessitates the change.

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Clause No.	As Existing	As Amended
Clause No. 10.10	10.10 Within one week of approval of the Network Schedule, the Contractor shall forward to the Engineer copies of the Computer Run Data if it be so required. The type of output and number of copies of each type to be supplied by the Contractor shall be determined by the Engineer	10.10 Within one week of approval of the Activity Chart, the Contractor shall forward to the Engineer copies of the Computer Run Data if it be so required. The type of output and number of copies of each type to be supplied by the Contractor shall be determined by the Engineer
Clause No. 10.11	10.11 The Network Schedule shall be updated at a frequency mutually agreed upon for the purpose of Monitoring. However, for the purpose of identification of Contractors Contractual liability, the agreed Master Network referred in Clause 10.1 shall only be applicable. Monthly review of the Progress and identification of necessary Corrective actions as may be desired by the Engineer. The Meeting will be attended by the Engineer or his authorised Representatives and such responsible Representatives of the Contractor as may be considered necessary by the Engineer. Such Meeting shall be attended by the Contractor's Representatives at the Contractor's own Cost. The Contractor shall be responsible for recording the proceeding of the Meeting(s), a report of which shall reach the Owner or the Engineer not later than seven (7) days after the Meeting (s).	10.11 The Activity Chart shall be updated at a frequency mutually agreed upon for the purpose of Monitoring. However, for the purpose of identification of Contractors Contractual liability, the agreed Activity Chart referred in Clause 10.1 shall only be applicable. Monthly review of the Progress and identification of necessary Corrective actions as may be desired by the Engineer. The Meeting will be attended by the Engineer or his authorised Representatives and such responsible Representatives of the Contractor as may be considered necessary by the Engineer. Such Meeting shall be attended by the Contractor's Representatives at the Contractor's own Cost. The Contractor shall be responsible for recording the proceeding of the Meeting(s), a report of which shall reach the Owner or the Engineer not later than seven (7) days after the Meeting (s).
Clause No. 13.0:	<p>13.0 LIQUIDATED DAMAGES FOR DELAY IN COMPLETION:</p> <p>13.1 The Bidder shall clearly note that time is the essence of the Contract and the Sub-Stations and Transmission Lines shall be completed within the Time frame specified in Clause No.10.1 Supra and hence no time extension shall be allowed on any account. If the Contractor fails to successfully complete the Trial Operation in terms of the Contract, within the time fixed under the Contract or any extension thereof granted by the Owner by way of Amendment to the Notification of Award/ Contract Agreement, the Contractor shall pay to the Owner, as Liquidated Damages and not as penalty in three (3) Stages as detailed below</p>	<p>13.0 PENALTY FOR DELAY IN COMPLETION:</p> <p>13.1 The Bidder shall clearly note that time is the essence of the Contract and the Sub-Stations and Transmission Lines shall be completed within the Time frame specified in Clause No.10.1 Supra and hence no time extension shall be allowed on any account. If the Contractor fails to successfully complete the Trial Operation in terms of the Contract, within the time fixed under the Contract or any extension thereof granted by the Owner by way of Amendment to the Notification of Award/ Contract Agreement, the Contractor shall pay to the Owner, as Penalty in three / four (3 / 4) Stages as detailed below:</p>

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Clause No.	As Existing	As Amended
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As Existing

STATION: Completion period 9 (Nine) Months for the Sub-Station			
No. of Stages	Activities	Completion Period	Percentage of Penalty
Stage-I	Approval of Drawings/Vendors, Land leveling, Security fencing etc., Foundation Works for ODS, Erection of Columns for Control Rooms	4 Months	2% per week subject to Maximum of 20% of the Value of the Stage.
Stage-II	Supply of all materials / equipments and Erection of Gantry Mounting Structure and Construction of Control Room Building, Cable Ducts, Laying of Power and Control Cables etc.,	3 Months	4% per week subject to Maximum of 20% of the Value of the Stage.
Stage-III	Erection of Equipments / materials, Wiring of C&R Panels, Illumination, Painting etc., and Testing/Commissioning.	2 Months	1% per week of the total Contract Value subject to Maximum of 20% of the Total Contract Value.

As amended

STATION: Completion period 12 (Twelve) Months for the Sub-Station			
No. of Stages	Activities	Completion Period	Percentage of Penalty
Stage-I	Approval of Drawings/Vendors, Land leveling, Security fencing etc., and Foundation Works for ODS, Erection of Columns for Control Room, Earth mat.	4 Months	1/2% per week subject to Maximum of 10% of the Value of the Stage. i.e., 1/2% per week of Rs.Crs of Stage - I for the uncompleted portion of the work.
Stage-II	Supply of all materials / equipments (including Power Transformer) and Erection of Gantry, Mounting Structure and Construction of Control Room Building, Cable Ducts, Laying of Power and Control Cables etc.,	5 Months	1/2% per week subject to Maximum of 10% of the Value of the Stage. i.e., 1/2% per week of Rs.Crs of Stage - II for the uncompleted portion of the work.
Stage-III	Erection of Equipments, Wiring of C&R Panels, Illumination, Painting etc., and Testing/Commissioning.	3 Months	1/2% per week subject to maximum of 10% of the total Contract Value i.e., the DWA amount duly deducting the penalties recovered during Stage - I and Stage - II for the uncompleted portion of the work.

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Clause No.	As Existing	As Amended
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As Existing

LINES: Completion period 9 Months for lines.			
No. of Stages	Activities	Completion period	Percentage of Liquidate Damage (penalty)
Stage-I	Check survey, approval of Vendors/drawings, excavation, Supply of stubs, and stub concreting	4 Months	2% per week subject to maximum of 20% of the value of the stage.
Stage-II	Supply of tower parts and Tower Accessories, Erection of towers and Tower Accessories	3 Months	4% per week subject to maximum of 20% of the value of the stage.
Stage-III	Supply of Conductors, Insulators & Hard wares / Accessories etc., Stringing, inspection and Testing & Commissioning.	2 Month	1 % per week of the total contract value subject to maximum of 20% of the total contract value.

As Amended

LINES: Completion period 12 Months for lines.			
No. of Stages	Activities	Completion period	Percentage of penalty
Stage-I	Check survey, approval of Vendors/drawings, etc.,	2Months	1/2% per week subject to Maximum of 10% of the Value of the Stage. i.e., 1/4% per week of Rs.Crs of Stage - I for the uncompleted portion of the work.
Stage-II	Excavation, Supply of stubs and stub concreting etc., (25% of total location per month to be completed)	4Months	1/2% per week subject to Maximum of 10% of the Value of the Stage. i.e., 1/4% per week of Rs.Crs of Stage - II for the uncompleted portion of the work.
Stage-III	Supply of tower parts and Tower Accessories, Erection of towers etc.,	3 Months	1/2% per week subject to Maximum of 10% of the Value of the Stage. i.e., 1/4% per week of Rs.Crs of Stage - III for the uncompleted portion of the work.
Stage-III	Supply of Conductors, Insulators & Hard wares / Accessories etc., Stringing, inspection and Testing & Commissioning.	3 Months	1/2% per week subject to maximum of 10% of the total Contract Value i.e., the DWA amount duly deducting the penalties recovered during Stage - I, Stage - II and Stage - III for the uncompleted portion of the work.

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Clause No.	As Existing	As Amended
Clause No. 13.3	13.3 The total amount of Liquidated Damages for delay under the Contract shall be subject to a Maximum of Twenty percent (20%) of the total Contract Price & the Owner has got every right to terminate the Contract without any liability if it crosses 20%.	13.3 The total amount of penalty for delay under the Contract shall be subject to a Maximum of Ten percent (10%) of the total Contract Price & the Owner has got every right to terminate the Contract without any liability if it crosses 10%.
Clause No. 13.4	NEW CLAUSE	13.4 Recovery of Penalty: The following procedure shall be adopted for recovery of the 10% penalty amount on total contract value from the turnkey agency for delay in completion of the project. a) Calculate the penalty recoverable from turnkey agencies as per DWA terms and conditions for those works delayed beyond contractual agreement period. b) Limit the recovery of penalty to 10% of each bill value admitted in case of supply / Civil / erection bills. c) If the total penalty to be recovered is not fully recovered under Supply / Civil / Erection bills, the balance penalty has to be recovered in lump sum out of the final 10% retention bills of turnkey works.
Clause No. 17.2 Rejection:	17.2.2 The Owner reserves the right to retain the rejected Equipment and take it into service until the Bidder replaces, at no extra Cost to the Owner, the defective Material by a new Material. Alternately the Bidder shall Repair or Replace the Equipment within a reasonable period to the satisfaction of the Owner at no extra Cost to the Owner.	17.2.2 The Owner reserves the right to retain the rejected Equipment and take it into service until the Bidder replaces, at no extra Cost to the Owner, the defective Material by a new Material. Alternately the Bidder shall Repair or Replace the Equipment within a reasonable period to the satisfaction of the Owner at no extra Cost to the Owner. Till the equipments are replaced, the performance bank guarantee will not be released by the owner.
Clause No. 19.1	d) Liquidated Damages for Delay. Clause 14.0 Section -III, General Conditions of Contract-GCC, Volume-I and Clause 13.0 of Section -V, Special Conditions of Contract-SCC, Volume-I.	d) Penalties for Delay. Clause 14.0 Section -III, General Conditions of Contract-GCC, Volume-I and Clause 13.0 of Section -V, Special Conditions of Contract-SCC, Volume-I.

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Clause No.	As Existing	As Amended
Clause No. 21.0	21.0 GUARANTEES, LIQUIDATED DAMAGES FOR NON- PERFORMANCE (Applicable for Power Transformers & L.T. Auxiliary Transformers only)	21.0 GUARANTEES, PENALTIES FOR NON- PERFORMANCE (Applicable for Power Transformers & L.T. Auxiliary Transformers only)
Clause No. 21.1	21.1 The bidder shall guarantee that the equipment offered shall meet the rating and performance requirements stipulated for various equipments covered in this specification. The bidder shall also furnish a declaration in the manner prescribed and included in the relevant schedule of Bid form & price Schedules for guarantees which shall attract levy of Liquidated Damages for non- performance	21.1 The bidder shall guarantee that the equipment offered shall meet the rating and performance requirements stipulated for various equipments covered in this specification / GTP offered and accepted and also in the techno-commercial sheets submitted and accepted by the owner. The bidder shall also furnish a declaration in the manner prescribed and included in the relevant schedule of Bid form & price Schedules for guarantees which shall attract levy of Penalty for non- performance.
Clause No. 21.2	21.2 If the guarantees are not established at factory tests, then the owner at his discretion may reject or accept the equipment after assessing the Liquidated Damages as per table below in Clause 21.4 against the Contractor and such amounts shall be deducted from the Contract Price or otherwise recovered from the Contract	21.2 If the guarantees are not established at factory tests, then the owner at his discretion may reject or accept the equipment after assessing the Penalties as per table below in Clause 21.4 against the Contractor and such amounts shall be deducted from the Contract Price or otherwise recovered from the Contract
Clause No. 21.3	21.3 In case of Power Transformer & L.T. Transformer, the guaranteed loss at rated voltage for each equipment shall be corrected in accordance with IEC-289 & IEC-76 by multiplication with square of the ratio between measured current (at rated voltage) and rated current for the purpose of comparison of guaranteed losses with measured losses for levy of Liquidated Damages. However, the equipment under no circumstances shall be accepted if the measured losses are more than + 15% of the guaranteed losses at rated voltage quoted by the bidder	21.3 In case of Power Transformer & L.T. Transformer, the guaranteed loss at rated voltage for each equipment shall be corrected in accordance with IEC-289 & IEC-76 by multiplication with square of the ratio between measured current (at rated voltage) and rated current for the purpose of comparison of guaranteed losses with measured losses for levy of Penalties. However, the equipment under no circumstances shall be accepted if the measured losses are more than + 10% of the guaranteed losses at rated voltage quoted by the bidder.


CEE/T & P
K. P. T. C. L.

NS-4 -1

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
NOTE CONTINUATION

Sub: Establishing of Sub-Stations and Lines on Partial turnkey / total turnkey basis - Modifications to tender clauses and change in the scope of turnkey works Reg.

169.0 The above paras are for Kind Perusal and request your kind approval to effect the above changes in the turnkey tender documents of tenders which are in pipe line and the future tenders.

170.0 The tenders have been invited for the 17 new projects from this office, the above changes needs to be incorporated in all these 17 projects, hence the tender documents have not been uploaded to the web site. The due date for uploading the tender documents for these 17 projects was on 05.09.2009. As the documents have not been uploaded to the website and also the due date for opening of the Bids of these 17 projects falls immediately after the Vijaya Dashami Festival, many prospective Bidders are requesting for extending the due date for submission by atleast three weeks.

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Phone : 91-080-22274744

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Office of the
Chief Engineer, Electricity,
Tendering & Procurement, KPTCL
Kaveri Bhavan, 'A' Block, P.B. No. 9990,
BANGALORE - 560 009

No. CEE/T&P/SEE/EE(T2)/T-4/5/2008-09/800-04

Date: 5 MAY 2008

AMENDMENT

Sub: Combined Package of Establishing of 110kV, 66kV and 220kV Sub-Stations and Construction of Transmission Lines of KPTCL on Total / Partial turnkey Basis - Revised Financial Qualifying Requirements & Completion Schedule -Reg.

Preamble :

It is seen that the financial qualifying requirements stipulated in the tender is not clear and Bidders are not furnishing sufficient documentary evidence along with the offer. This is resulting in unnecessary correspondences and delay in the tender evaluation process. The utility as such needs to review its existing Qualifying requirements to have Competent Contractors who execute quality works. A note was put up in this regard and approval has been obtained for revision of Financial Qualifying Requirements and Completion Schedule.

Hence, the following Amendments are issued to the Qualifying Requirements and Completion Schedule:

AMENDMENT:

As Existing	As Amended
<p>1.0 QUALIFYING REQUIREMENTS (FINANCIAL) 1.1 The Annual financial turnover of the prime bidder during any one of the previous five financial years shall not be less than Rs. Lakhs being the cost of the estimate for the station and Transmission Line put to tender.</p>	<p>1.0 QUALIFYING REQUIREMENTS (FINANCIAL) 1.1 The Highest Annual financial turnover of the prime bidder/partners of consortium for the best one year during any one of the previous five financial years shall not be less than Rs. Lakhs being the cost of the estimate for the station and Transmission Line put to tender.</p>

Contd.....2

As Existing	As Amended
<p>1.2 Basis for assessing the Financial Capability: 1.2.1 For assessing the Financial Capability of the Bidder, balance Works on hand with KPTCL and other commitments of the Bidder will be taken into account. In computing the same, such of those works of KPTCL entrusted to the Bidder and where the percentage of financial progress is more than 50%, the same shall also be reckoned while assessing the Financial Capability of the Bidder concerned.</p>	<p>1.2. Basis for assessing the Financial Capability: 1.2.1 For assessing the Financial Capability of the Bidder, balance Works on hand with KPTCL and other commitments of the Bidder will be taken into account. The financial commitments of all business of the Bidder such as works, manufacturing, dealership etc., which are considered for arriving annual turnover of Bidder's Company will be taken into account.</p>
<p>1.2.2 While computing the balance works on hand pertaining to KPTCL, only those works where the financial progress is less than 50% shall be reckoned</p>	<p>1.2.2 If the Bidder's company is having various wings / Divisions and the turnover of each of the wing / Division are audited separately and have separate resources, in such events the turnover and commitments of that wing / Division which deals with KPTCL will be taken in to account for assessing the financial capability.</p>
<p>1.2.3 The Bidder shall stand disqualified if the total value of Works on hand including Contract against subject tender if awarded, exceeds 2 times the highest Annual Turn Over of the Bidder for the best 1 year during the preceding 5 years.</p>	<p>1.2.3 While computing the balance works on hand pertaining to KPTCL, only those works which are being executed will be reckoned. The works which are commissioned will not be taken for computing the balance works on hand.</p>
	<p>1.2.4 The Bidder shall stand disqualified if the total value of Works on hand including Contract against subject tender if awarded, exceeds 2 times the highest Annual Turn Over of the Bidder for the best 1 year during the preceding 5 years. For assessing the total commitments, the balance works on hand with KPTCL and other commitments of the Bidder which are considered for arriving annual turnover of Bidder's Company will be taken into account.</p>

Contd...3



As Existing	As Amended
<p>1.2.4 The bidder shall clearly furnish the details of the quantum of works on hand with the participating agencies concerned and the quantum of works to be executed with KPTCL and other clients duly indicating the financial progress as on the date of Bid opening</p>	<p>1.2.5 The bidder shall clearly furnish the details of the quantum of works to be executed with KPTCL duly indicating the financial progress as on the date of Bid opening and the quantum of works on hand with the other other clients and other commitments of the Bidder which are considered for arriving Bidder's Company annual turnover duly certified by the Company's Chartered Accountant.</p> <p>1.2.6 In the event if the Bidder Fails to furnish the financial turnover and the financial commitments along with the offer or furnishes the incorrect information, the offers of such Bidders will be rejected summarily.</p>
<p>2.0 Commissioning Period: (a) In respect of 110kV / 66kV Lines and Sub-Stations - 7 Months for Sub-Stations and 6 Months for Line from the date of Letter of Intent to Award the contract including Monsoon period.</p>	<p>2.0 Commissioning Period: (a) In respect of 110kV / 66kV Lines and Sub-Stations - 9 Months from the date of Letter of Intent to Award the contract including Monsoon period.</p>
<p>(b) In respect of 220kV Lines and Sub-Stations - 12 Months from the date of Letter of Intent to Award the contract including Monsoon period.</p>	<p>(b) In respect of 220kV Lines and Sub-Stations - 15 Months from the date of Letter of Intent to Award the contract including Monsoon period.</p>

All other terms and conditions remain unaltered.


M. Dhara
Chief Engineer (Electy.),
Tendering & Procurement.

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Copy to:

1. All Chief Engineers (Electy.), Transmission Zones, KPTCL.
2. All Executive Engineers Electrical, T & P, KPTCL, Kaveri Bhavan, Bangalore for information.
3. The Controller of Accounts, T & P, KPTCL, Kaveri Bhavan, Bangalore for information.
4. All Assistant Executive Engineers, Electrical, T & P, KPTCL, Kaveri Bhavan, Bangalore for information and to incorporate the necessary changes in the Tender Documents.
5. The Accounts officer (I/A) 1 & 2, T & P, KPTCL, Kaveri Bhavan, Bangalore for information.
6. MF/OG

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(4) D

Tel: 845-2435 KEBIN
Grams: KEPTTRANS

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

CORPORATE OFFICE
'Kaveri Bhavan'
Bangalore-560 009.

KPTCL/B9/3827/03-04

Date **19 MAY 2008**

CIRCULAR

Sub: - House keeping of KPTCL guest houses
all over the state.

Ref: - KPTCL/B9/3827/03-04 dated 26/03/04.

Approval has already been accorded in Corporate order dated 26/03/04 for out sourcing the maintenance activity of guest houses by entering into a comprehensive contract for housekeeping. In the said order detailed guidelines outlining the scope and terms of contract were also issued. In spite of these guidelines, it has come to the notice of Corporate office that guest houses are not being maintained properly. As such, all Chief Engineers of Transmission Zones are hereby directed to take immediate needful action for proper maintenance of guest houses coming under their jurisdiction.


Deputy General Manager (Tech)
KPTCL

Copy to:-

1. All Chief Engineer's Ele, Transmission Zones, KPTCL.
2. All Superintending Engineer's Ele, Transmission circles, KPTCL
3. The Superintending Engineer (Civil), KPTCL, Kaveri Bhavan, Bangalore.
4. All Executive Engineer's (Ele), TL&SS Divisions, KPTCL.
5. All Executive Engineer's (Civil), Transmission zone, KPTCL.

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KARNATAKA POWER TRANSMISSION CORPORATION LTD

Corporate Office, 'Kaveri Bhavan'
Bangalore-560 009.

Sub: Enhancement of occupancy charges for stay in
KPTCL guest house at Kaveri Bhavan, Bangalore.
Ref: KPTCL/B9/2432/05-06 dated 20/01/06.

Preamble:-

The KPTCL guest house at Kaveri Bhavan, Bangalore has now been recently renovated. Considering the cost involved in renovation and the cost of maintenance of guest house, it is essential to enhance the occupancy charges for stay in KPTCL guest house at Kaveri Bhavan for officers/officials on private visits and for outsiders. However, as the traveling allowance being paid to officers/officials on tour while on duty has not been changed, no change in occupancy charges has been proposed for officers/officials of KPTCL/ESCOMS on duty. Further, guidelines are also required to be issued for streamlining the allotment procedure. Hence this order.

Order No. KPTCL/B9/2432/05-06/Bangalore dated 21/05/08.

Approval is hereby accorded to revise the rates of occupancy charges of KPTCL guest house at Kaveri Bhavan as detailed below with effect from 01/06/08.

Sl. No.	Category of occupants	Occupancy charges per day for guest house at Kaveri Bhavan, Bangalore.	
		Single bed	Double bed
I	For KPTCL/ESCOM officers/officials		
1	Officers of the rank SEE's above on duty accommodation in VIP rooms.	50.00	75.00
2	Officers of the rank EEE's and below and other officials on duty accommodation in non VIP rooms.	40.00	65.00
3	Officers of the rank of SEE's and above on private visit accommodation in VIP room.	200.00	400.00
4	Officers/officials on private visit accommodation in non VIP room.	150.00	300.00

II For other Government officers/officials			
1	Central/ State Government /PSU and other department officers/officials on duty:	100.00	200.00
2	Central / State Government/ PSU and other department officers/ officials on private duty	400.00	800.00
	a. accommodation in VIP rooms.	300.00	600.00
	b. accommodation in nonVIP rooms.	200.00	400.00
III	Others - authorized by PRO		

In order to make rooms available in the guest house at Kaveri Bhavan to needy officers/officials on duty, following guide lines shall be strictly followed in addition to the clauses stipulated in Accounts Manual.

1. The reservation of rooms in Kaveri Bhavan guest house shall be made by Public Relations Officer and all reservation letters are to be addressed to PRO only.
2. The room numbers 5, 6, 9 and 10 shall be reserved for occupation of only officers of the rank of SEE's and above of KPTCL/ESCOMS and other senior officers of GOK/GOI/PSU/other Boards/Corporations etc.,
3. The officers/ officials on duty are ordinarily permitted to stay in guest house for a period of 3 days at normal occupancy charges. The officers /officials have to take permission from PRO for stay beyond 3 days.
4. Officers /officials on transfer to Bangalore shall be allowed stay in the guest house for a maximum period of 7 days.
5. Officers/ officials while applying for accommodation in guest house shall furnish their name, designation, place of working and purpose of stay and record the same in the register maintained in the guest house. They should certify as to whether their stay in the guest house is on duty or private visit.
6. Officers/officials on private visit shall be allowed to stay in the guest house continuously for a maximum period of 3 days at normal charges subject to availability of rooms.
7. For stay beyond the above stipulated period, (except for stay on duty) penal occupancy charges at twice the normal charges shall be charged.
8. The Public Relations Officer is empowered to issue notices to the occupants who stay beyond the above stipulated period and take action to get the rooms vacated. The care taker of the guest house shall inform PRO regarding the over stay in the guest house by any occupant regularly to initiate necessary action.
9. The officers/ officials on duty gets priority for allotment of rooms over officers/ officials /others on private visit.
10. The occupancy charges does not include boarding charges which shall be paid separately by the occupant.

11. The occupancy charges is for the period of one day and part of the day is considered as one day for the purpose of collecting occupancy charges.
12. The occupants are responsible for any damage to the property of the guest house and shall bear the cost of such damages.
13. Allotment of accommodation will be limited to the facility available in the room.

This order supersedes all previous orders regarding occupancy charges in KPTCL guest house at Kaveri Bhavan, Bangalore.

By order

[Handwritten Signature]
Deputy General Manager (Tech)
KPTCL

Copy to:

1. All Managing Directors' ESCOMS.
2. All Directors (Technical), ESCOMS.
3. Sri.V.Narayanagowda, Director and President, KPTCL Employees Union, Bangalore.
4. The Chief Conservator of Forests, KPTCL, Kaveri Bhavan, Bangalore.
5. The General Manager (A&HRD), KPTCL, Kaveri Bhavan, Bangalore.
6. All General Managers (Tech), ESCOMS.
7. All Chief Engineers' (Ele.), KPTCL/ESCOMS.
8. The Company Secretary, KPTCL, Kaveri Bhavan, Bangalore.
9. All Financial Advisers' KPTCL/ESCOMS.
10. All Superintending Engineers' (Ele) KPTCL/ESCOMS.
11. The Superintending Engineer (Civil), KPTCL, Kaveri Bhavan, Bangalore.
12. The Deputy General Manager (personnel) KPTCL, Kaveri Bhavan, Bangalore.
13. The Public Relations Officer, KPTCL, Kaveri Bhavan, Bangalore.
14. All Controllers of Accounts, KPTCL/ESCOMS.
15. The Chief Vigilence Officer, KPTCL, Kaveri Bhavan, Bangalore.
16. The Senior Sports Officer, KPTCL, Kaveri Bhavan, Bangalore.
17. All Executive Engineers' (Ele). TL&SS/MW Divisions, KPTCL.
18. All Executive Engineers' (Ele), O&M Divisions, ESCOMS.
19. All Executive Engineers' (Civil), Transmission /O&M Zones, KPTCL/ESCOMS.
20. All Deputy Controllers of Accounts, KPTCL /ESCOMS.
21. PS to Managing Director/ Director (Finance)/Director Transmission) /Director (Law) /KPTCL, Bangalore.
22. All Managers, Corporate office, KPTCL, Kaveri Bhavan, Bangalore.
23. The General Secretary, KPTCL, Employees Union, A.R.Circle, Bangalore.
24. The General Secretary, KEB Engineers Association, A.R. Circle, Bangalore.
25. The General Secretary, KPTCL, Accounts Officers Association, Bangalore.
26. The General Secretary, KEB SC/ST Welfare Association, Bangalore.
27. SA Records, KPTCL, Kaveri Bhavan, Bangalore.

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KARNATAKA POWER TRANSMISSION CORPORATION LTD

Corporate Office, 'Kaveri Bhavan',
Bangalore-560 009.

Sub: - Converting B1 Quarters at NRS, Rajajinagar,
Bangalore as transit guest house.

Ref: - KPTCL/B9/4937/04-05 dated 29/04/08.

Preamble:-

The number of KPTCL/ BESCO quarters in Bangalore is insufficient and many times the officers transferred to Bangalore finds it difficult to get proper accommodation. With a view to provide transit accommodation in Bangalore city for Group A officers on transfer from outside, it is proposed to convert B1 Quarters at NRS Rajajinagar as transit guest house. In order to allot the said transit accommodation and to maintain the same, guide lines are required to be issued. Hence this order.

Order No KPTCL /B9/4937/04-05/ Bangalore. dated 27/05/08.

Approval is here by accorded to convert B1 Quarters at NRS Rajajinagar Bangalore as transit guest house for providing intrim accommodation to Group 'A' officers transferred to Bangalore. In order to allot accommodation in the transit guest house and for maintainance of the same, following guidelines are issued for adoption.

1. The transit accommodation shall be given to only Group 'A' officers of KPTCL /BESCO who are transferred to offices in BBMP jurisdictional area from other places.
2. The transit accommodation may be given to 6 to 8 officers in B1 quarters at Rajajinagar.
3. The Superintending Engineer Ele, Trans (M) circle, BMAZ Bangalore is authorized to allot the transit accommodation to officers on transfer to Bangalore.
4. The allotment of transit accommodation shall be initially for a period of 3 months and may be extended to a maximum period of 6 months at the discretion of Superintending Engineer Ele, Trans (M) circle, BMAZ.

5. The officers occupying the transit accommodation shall be charged at Rs.1250/- per month for the first 3 months and Rs.2500/-per month for subsequent period for individual accommodation.
6. Officers who desire to occupy the entire room either for self or for family shall be charged at Rs.2000/- per month for first 3 months and Rs.4000/- for the subsequent period.
7. For the purpose of recovery of occupancy charges part of month shall be charged for the whole month.
8. The Superintending Engineer Ele, Trans (M) Circle BMAZ shall provide necessary house keeping arrangement for the guest house on contract basis along with watch and ward and cook.
9. Food can be prepared and served to the inmates of transit guest house only by the house keeping agency directly on collection of separate charges from the occupants.
10. The water supply charges and electricity charges shall be borne by KPTCL and TL&SS Division Peenya shall arrange to make respective payments.
11. The civil sub-division of Trans (M) circle BMAZ shall maintain the transit guest house and shall take action for fixing up of house keeping agency, periodical payments to them and other repairs to the guest house. The Lenin and croceries shall be purchased by Superintending Engineer Ele as and when required duly observing the usual formalities.
12. The furniture provided in the guest house shall be under the T&P account of the concerned AE/JE in charge of maintenance of the guest house.
13. The Superintending Engineer Ele, Trans (M) circle, BMAZ, is authorized to take needful action to evit any person, who stays unauthorisedly.
14. The overstay in the transit guest house shall be dealt in the same manner as is dealt in case of over stay in KPTCL quarters.
15. The officer willing to obtain transit accommodation shall make a written request to Superintending Engineer Ele, Trans(M) circle, BMAZ in prescribed form, who shall allot the accommodation on first come first serve basis. In this regard, necessary register may be maintained in his office.
16. The Superintending Engineer Ele, Trans (M) circle, BMAZ, shall issue occupation letter and vacation letter to the concerned officer as and when required. The vacation report shall be issued only upon verification and certification by the concerned executive subordinate in charge of guest house.
17. The concerned officer to whom the transit accommodation is given shall recover the occupancy charges in his salary bill every month.

18. The concerned BESCO salary drawing officer shall remit the occupancy charges recovered by the occupant in his salary bill to TL&SS Division Peenya as is done in respect of HRA collected from the occupants of KPTCL quarters.

19. The decision of Chief Engineer Ele, Trans. Zone shall be final and binding on all concerned in all matters relating to allotment of transit accommodation and other issues pertaining to its maintenance, over stay, vacation etc.,

By order


Deputy General Manager (Tech)
KPTCL

Copy to:-

1. All Managing Directors' ESCOMS.
2. All Directors (Technical), ESCOMS.
3. Sri. V. Narayanagowda, Director and President, KPTCL Employees Union, Bangalore.
4. The Chief Conservator of Forests, KPTCL, Kaveri Bhavan, Bangalore.
5. The General Manager (A&HRD), KPTCL, Kaveri Bhavan, Bangalore.
6. All General Managers (Tech), ESCOMS.
7. All Chief Engineers' (Ele.), KPTCL/ESCOMS.
8. The Company Secretary, KPTCL, Kaveri Bhavan, Bangalore.
9. All Financial Advisers' KPTCL/ESCOMS.
10. All Superintending Engineers' (Ele) KPTCL/ESCOMS.
11. The Superintending Engineer (Civil), KPTCL, Kaveri Bhavan, Bangalore.
12. The Deputy General Manager (personnel) KPTCL, Kaveri Bhavan, Bangalore.
13. The Public Relations Officer, KPTCL, Kaveri Bhavan, Bangalore.
14. All Controllers of Accounts, KPTCL/ESCOMS.
15. The Chief Vigilance Officer, KPTCL, Kaveri Bhavan, Bangalore.
16. The Senior Sports Officer, KPTCL, Kaveri Bhavan, Bangalore.
17. All Executive Engineers' (Ele), TL&SS/MW Divisions, KPTCL.
18. All Executive Engineers' (Ele), O&M Divisions, ESCOMS.
19. All Executive Engineers' (Civil), Transmission /O&M Zones, KPTCL/ESCOMS.
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21. PS to Managing Director / Director (Finance) / Director Transmission / Director (Law) / KPTCL, Bangalore.
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23. The General Secretary, KPTCL, Employees Union, A.R. Circle, Bangalore.
24. The General Secretary, KEB Engineers Association, A.R. Circle, Bangalore.
25. The General Secretary, KPTCL, Accounts Officers Association, Bangalore.
26. The General Secretary, KEB SC/ST Welfare Association, Bangalore.
27. SA Records, KPTCL, Kaveri Bhavan, Bangalore.

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Telex : 845-2435 KEBIN
Grams : "KEPTRANS"

Corporate Office,
"Kaveri Bhavan",
Bangalore - 560 009.

Encl. : B9/2478/2008-09

Dated : 13 OCT 2008

13 - OCT - 2008.

CIRCULAR

Sub: -Repair and maintenance works to KPTCL buildings and other civil works.

Ref: - FA (A&R)/ (KCO32) /14246-53/08-09 Cys 6 dated 28/08/2008.

It is observed by the Corporate office that repair and maintenance works to KPTCL buildings and other civil works are not being properly planned and periodically taken up resulting in improper maintenance of buildings. The budget allocated for R&M works to KPTCL buildings during the financial year 07-08 has also not been fully utilized due to improper planning. The Corporate office has taken serious note of this fact. It is needless to mention the importance of periodical repair and maintenance works to buildings to maintain them to currently acceptable standards and to sustain the utility and value of the facilities.

In order to stream line the entire process of repairs and maintenance works to buildings /other civil works and to ensure quality and timely execution of the works, following guidelines are issued for strict adherence.

1. The repair and maintenance works to KPTCL buildings have been classified under the following three types.
 - a **Routine Repairs /maintenance** - These are works to be attended to, day to day such as restoration of water supply, chokage in drainage pipes and manholes, repairing of joinery of shutters etc.,
 - b **Periodical Repairs /maintenance** - These include such works which are done in a cycle of fixed duration without any specific complaint by the user, carried out with the intention of increasing the life of buildings and to reduce the routine maintenance.

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- c. **Special Repairs** – These works include major repairs and replacements in the buildings carried out to prevent the structure from deterioration to a level of un-serviceability. The special repairs works include works like arresting roof leakage, strengthening of structure, replastering, rewiring, reflooring, replacement of doors and windows and resurfacing of roads etc.,
2. The Civil Engineering section of each Transmission circle is responsible for undertaking all R&M works to KPTCL buildings and other civil works of the circle.
 3. The Executive Engineer (Civil) of the respective zonal office is designated as the nodal officer to ensure proper planning and execution of all civil works of their zone. He is responsible for proper maintenance of the assets and utilization of the budget allocated.
 4. As soon as the budget for civil works under account code 74.2, 74.3 and 76.128 are released, the Executive Engineer (civil) of the zone should draw up a plan of action duly consulting with the concerned EEE's, SEE's and zonal CEE's. He should finalize the list of buildings and other assets for which repair works/ other civil works are to be taken up in the current year within the allocated budget, limiting it to the most essential ones.
 5. The repair and maintenance works should be properly planned and a maintenance cycle should be followed so that no building is allowed to slip into serious deterioration.
 6. For the purpose of making a maintenance cycle, the entire assets of the division may be grouped into three fairly equal groups namely Group A, B, and C. While grouping the assets, care shall be taken to ensure that all the three groups shall have fairly equal number of assets so that the budget requirement for each year remains fairly uniform.
 7. The buildings and other works coming under Group A cycle shall be taken up for periodical repairs/ maintenance works in the current year (FY 08-09). The buildings coming under Group B shall be taken up for periodical repairs in the FY 09-10 and that coming under Group C shall be taken up in the FY 10-11.
 8. All new buildings constructed during the current year shall be included in Group A, so that their maintenance cycle starts from FY 11-12 and this process shall be continued further for the subsequent years.

9. The maintenance cycle suggested as above relates to only Periodical Repairs/ maintenance works which are to be taken up in a cycle of fixed duration.
10. The routine repairs/ maintenance works may be taken up as and when required to preserve the buildings and services in good operating condition.
11. The special repairs, if any required, may be taken up as and when required without waiting for the maintenance cycle, subject to obtaining approval from the concerned zonal CEE's and depending on the availability of budget.
12. The budget allocated for R&M works to buildings shall be properly planned for taking up all three types of repairs and maintenance works as mentioned above.
13. As far as possible the existing finishes (distemper painting /emulsion painting/ exterior emulsion painting / water proof cement painting etc.) shall be retained and in case the finishes needs to be changed, the approval of the zonal CEE's should be obtained.
14. As far as possible, the periodical maintenance works like painting shall be taken up for the entire colony during the same year particularly so in case of small colonies/ office premises. However, in case of very large colonies/ office complexes the periodical maintenance works may be taken up in phased manner depending on the availability of the budget. The guest houses, toilet blocks, general toilets in office complex etc., may be taken up for periodical repairs every year for better upkeep, depending on the availability of budget.
15. In order to stream line the execution of civil works, EE (Civil) of the zone shall monitor the progress of work by conducting monthly review meeting and periodical inspection of the works.
16. The SE (Civil) shall review the progress of all civil works quarterly and shall inspect works at random to ensure good quality of works. He shall report any irregularity in execution of works to zonal CEE's for rectification.
17. All repair and maintenance works which are being carried forward to the current financial year shall be completed in all respects. In this regard, the budget allocated for the current year shall be first utilized for the works carried over from previous financial years.

KARNATAKA POWER TRANSMISSION CORPORATION LTD.

**Corporate Office
Kaveri Bhavan,
Bangalore-560 009.**

SUB : Review of processing fee for formulation of Evacuation schemes and Network Augmentation charges in respect of Non Conventional / Conventional Energy source based power projects.

READ : 1. Board Order No. B28/B13/3595/91-92 dated: 03-02-2006
2. Proceedings of the meeting held on 26-03-09

PREAMBLE

Corporation recently reviewed all aspects related to the collection of the processing fee towards formulation of evacuation schemes in respect of Non Conventional / Conventional power projects. The "IPP Evacuation Procedure" norms was discussed at length in the meeting held on 26-03-09 at Conference Hall, Kaveri Bhavan. While discussing the issues pertaining to the procedure being adopted for formulation of Evacuation Schemes, it was decided to introduce certain modifications in the existing procedure and stipulations in respect of evacuation schemes pertaining to Non Conventional and conventional based power projects. Considering the fact that these procedures were formulated three years back and with the changed scenario, it was felt that there was scope for a revision in the processing fees and Network augmentation charges being collected by KPTCL and hence this order.

ORDER NO. KPTCL/B28/4359/08-09 Bangalore

DATED: 11-05-09

In supersession of the earlier orders, approval is hereby accorded for revision of the processing fee and Network augmentation charges pertaining to evacuation schemes in respect of Non Conventional and Conventional energy based power projects as detailed below:

1. Processing fee for formulation of evacuation scheme for new NCE projects shall be Rs. 50,000 + 12.36% Service Tax
2. Processing fee for revision of existing evacuation schemes for NCE projects shall be Rs. 75,000 + 12.36% Service Tax

3. Processing fee for formulation of evacuation schemes in respect of Conventional Source based projects shall be Rs. 3,00,000 + 12.36% Service Tax
4. Network Augmentation charges shall be Rs. 5.00 Lakhs per MW with the timeframe for payment of the charges restricted to a minimum of 6 months and a maximum of one year without penalty. However payment of Augmentation charges beyond one year shall be with interest levied as per KPTCL norms.

The above charges / fees shall come into effect immediately.

B. S. Sela 11.02.09
Deputy General Manager (Tech)
KPTCL

Copy to :

1. All Directors (Technical), BESCO, MESCOM, GESCOM, HESCO, CESC
2. The Chief Engineer Electy., Planning & Co-ordination, KPTCL, Kaveri Bhavan
3. All Chief Engineers, KPTCL, BESCO, MESCOM, GESCOM, HESCO, CESC
4. The Deputy General Manager (Tech), KPTCL, Kaveri Bhavan, Bangalore.
5. Super intending Engineer Elec., Planning, KPTCL, Kaveri Bhavan, Bangalore
6. Super intending Engineer Elec., RA., KPTCL, Kaveri Bhavan, Bangalore
7. The General Manager (Tech), BESCO, MESCOM, GESCOM, HESCO, CESC.
8. PS to Managing Director BESCO, MESCOM, GESCOM, CESC, HESCO with a request to place before MD, BESCO, MESCOM, GESCOM, CESC, HESCO
9. PS to MD/D(T)/D(F)/Company Secretary, KPTCL, Kaveri Bhavan, Bangalore to place the same before the Directors.
10. SA-II records.
11. MF

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED



Corporate Office,
Kaveri Bhavan,
Bangalore - 560 009.

Sub:- Revision of Major Works Schedule of Rates-2006 as per the recommendations of SR revision committee 2008-09 and as per the approval of Central Purchase Committee. -Reg.

Ref:- 1. Corporate Order No. KPTCL/B19/7625/86-87 Bangalore Dt. 07.03.08.
2. Minutes of 97th Meeting of Central Purchase Committee held on 22.04.09.

Preamble:- The last revision of Major Works Schedule of Rates in KPTCL took place on 01.09.2006 and presently the same is in use. KPTCL vide its Order Dt. 07.03.2008 cited under reference has constituted a Committee to review the Major Works Schedule of Rates-2006. The SR revision Committee met and discussed various options, suggestions and opinion of all the members to arrive at the revised schedule of rates for the year 2009-10. Finally, the SR revision Committee has submitted its recommendations for the revised rates 2009-10 before the Central Purchase Committee in its 97th Meeting held on 22.04.2009. The Central Purchase Committee approved the recommendations made by the SR revision Committee and directed to implement it effecting from 01.05.2009. As such it is proposed to revise the Major Works Schedule of Rates with effect from 01.05.2009.

Hence this order.

Corporate Order No. KPTCL/B19/7625/86-87 Bangalore Dt. 27.05.2009

KPTCL is pleased to revise the Major Works Schedule of Rates with effect from 01.05.2009 as per the recommendations of the SR revision Committee which was approved by Central Purchase Committee in its 97th Meeting held on 22.04.2009. The revised SR will be in force till further orders.


Dy General Manager (Tech)
K.P.T.C.L. 27/05

Copy to:

All the Chief Engineers Electricity, KPTCL.
The Financial Adviser (A&R) / (I/A) KPTCL, Kaveri Bhavan, Bangalore
The Company Secretary, KPTCL, Kaveri Bhavan, Bangalore

Copy for information to:-

PS to Managing Director, KPTCL to place it before Managing Director, KPTCL.
PS to Director(Transmission), KPTCL to place it before Director(Transmission), KPTCL.
PS to Director(Finance), KPTCL to place it before Director(Finance), KPTCL.
PS to Director(A&HRD), KPTCL to place it before Director(A&HRD), KPTCL.

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KARNATAKA POWER TRANSMISSION CORPORATION LTD.,

No. KPTCL/B25/4809/05-06
Encl:



Corporate Office,
Kaveri Bhavan,
Bangalore - 560 009.
Dated:

10 JUL 2009

CIRCULAR

10 JUL 2009

Sub: Repairs to faulty Power Transformer in KPTCL.

Ref: CEE RT & APR note no: CEE(RT&APR)/KCO-73/16861 dt: 30.04.2009.

Presently the failed Power Transformers are transported to KPTCL repair bays for inspection and assessing the quantum of repairs to be done after detanking the Core & Coil assembly. The assessment is done on the visual inspection of active parts without separating the Core & Coil, since there is no facility to separate them. The availability of repair bay, arranging transportation of faulty transformer to repair bay from site, conducting preliminary inspection of active parts is causing inordinate delay in the repair process. Hence, the following procedure shall be adopted by all the Transmission zones to repair the failed Power Transformers.

1. A Committee shall be formed at zonal level consisting of Chief Engineer (Electy.), Transmission Zone, Chief Engineer (Electy.), RT & APR, Superintending Engineer (Ele), RT Circle, Superintending Engineer (Ele), Transmission zone, concerned Executive Engineer(EI), RT Division and Controller of Accounts of respective Transmission zone.
2. The concerned Executive Engineer (Ele), RT Division shall furnish the test report of the faulty transformer of the substation and submit detailed report and tentative estimate for repairing the faulty transformer.
3. The tentative estimate prepared by concerned RT division shall indicate amount of copper winding which is required to be replaced. Similarly, estimate will include amount of core lamination to be replaced and amount of solid insulation requiring replacement. It should also include amount of transil oil required to fill the Transformer. The tentative estimate shall be prepared based on the rates provided in the prevailing KPTCL schedule of rates (S.R).

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4. Decision shall be taken by the committee to decide whether to repair the Transformer by e-Tendering or to move the Transformer to KPTCL repair bay in case of minor repair or to scrap the faulty transformer when damage to the active part is extreme and economical repair not possible.
5. As per the decision of the committee regarding repairs, action shall be taken by the Chief Engineer (Electy.), Transmission zone for e-Tendering and issue LOA to the qualified bidder.
6. The repair firms who are participating in the tender shall quote for
 - a) Providing new copper winding with minor insulation in place of damaged winding including cost of material, labour, drying etc. (both HV and LV) per Kg of winding, taking into account value of released copper which has to be retained by the repairer.
 - b) Providing new CRGO lamination to the core in case of damage to the core due to burning limited to the extent to the damage including cost of material and labour. Net rate per Kg should be mentioned taking into account value of released laminations which will be retained by the firm.
 - c) Providing solid insulation such as press board cylinder, permalli wood rings, Hat rings etc., suitable to the relevant voltage class wherever necessary. Net rate per Kg should be mentioned including material and labour.
 - d) Providing new oil to the repaired transformer as per IS 335-1993 taking into account the cost of released oil from the transformer which has to be retained by the firm. The rest of the material portion and labour portion have to be quoted in lump sum or in numbers.
7. Price bid shall be evaluated on the total sum of unit rate and lump sum amount. (This kind of comparison will hold good irrespective of the amount of copper winding to be replaced or core to be replaced or solid insulation to be replaced.)
8. The lowest bidder shall be considered for the repair work based on his technical abilities.
9. Joint inspection to be conducted at repairer's premises by RT & TA&QC and a detailed report shall be submitted.
10. The RT staff shall prepare the estimate as per actuals based on the Joint survey conducted and submit it to the Chief Engineer (Electy.), Transmission zone for the sanction.

11. The Chief Engineer Electy, Transmission zone shall issue a revised LOA based on the actual estimate.
12. The other stages of repair like stage inspection of materials, final inspection etc., shall be followed as per the existing procedure.
13. Following time Schedule shall be adhered to during repairs to Power Transformer:
- Testing of faulty Power Transformer at the station and submitting the report to concerned Zonal Chief Engineer (Electy.) for further action along with a rough estimate by concerned RT Division. -----15 days
 - Calling of e-Tender based on preliminary report and estimate and finalization of tender by concerned Zonal Chief Engineer (Electy.). -----60 days
 - Lifting up of the faulty Transformer by the successful bidder from the date of issue of LOI. -----30 days
 - Repairing of the Transformer –
Four months up to 31.5 MVA Capacity
Six months upto 100MVA Capacity
 - Inspection of the Transformer by RT and TA&QC staff for acceptance and furnishing of the test report to the Zonal Chief Engineer (Elec) and subsequent allotment of the repaired Transformer to the needy station. -----15 days
 - Transportation of the repaired Transformer to the new destination, on allotment of the repaired Transformer by Superintending Engineer (Electy.), P&M and erection, testing and commissioning. -----60 days

B. S. Srinivas
10.07.09
Dy. General Manager (Tech)
KPTCL, Bangalore.

Copy to:

1. Chief Engineer (Electy.), Transmission Zone, KPTCL, Bangalore / Tumkur / Mysore / Hassan / Bagalkot and Gulbarga.
2. Chief Engineer (Electy.), TA&QC / RT&APR / T&P / P&C / SLDC, KPTCL, B'lore-09.
3. Company Secretary, KPTCL, Kaveri Bhavan, Bangalore-09.
4. FA(I/A)/ FA(A&R)/ FA(RA), KPTCL, Kaveri Bhavan, Bangalore-09.
5. All Superintending Engineers (Elec), KPTCL.
6. All Executive Engineers (Elec), KPTCL.
7. TA to Managing Director, KPTCL with a request to place it before Hon'ble MD, KPTCL.
8. PS to Director (Transmission)/ Director (Finance), KPTCL with a request to place it before D(T)/ D(F), KPTCL.

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

No. : B19/1672/91-92(2)



Corporate Office,
Kaveri Bhavan,
Bangalore - 560 009.

Dated:

PREAMBLE :-

Presently projects in KPTCL are being executed either on total turnkey basis or partial turnkey basis. There have been some delays in project execution. These have been examined in detail. It is felt necessary to effect certain modifications in the tender clauses. Hence this order.

Corporate Order No. KPTCL/B19/1672/91-92(2)

Dt : 25 AUG 2009

1. Supply of Power Transformer :

Existing:

At present tenders are being invited on Turnkey excluding supply of Power Transformers.

Amended:

Tenders shall be invited on Total turnkey basis along with supply of Power Transformers (above 8MVA) in the scope of Turnkey agency for executing the works.

2. Period of Completion:

Existing:

Completion period is as follows:

- For 66 KV and 110kV stations : Completion period is 7 months .
- For 66 KV and 110kV lines: Completion period is 6 months
- For 220 KV stations: Completion period is 12 months.
- For 220 KV lines: Completion period is 9 months

Amended:

The completion period 66/110/220 kV Station/line is amended as follows:

- For 66 KV and 110kV stations / lines: Completion period of 12 months from date of LOI.
- For 220 KV stations / lines: Completion period of 18 months from date of LOI.

3. Payment terms:

Existing:

The payment terms is 70% on supply (including 100% taxes and duties together with F&I charges), 10% on Erection, 10% on Commissioning and 10% on documentation.

Amended:

The payment terms shall be 50% on supply (including 100% taxes and duties together with F&I charges), 30% on Erection, 10% on Commissioning and 10% on documentation.

4. Penalty Clause:

Existing:

Liquidated damages will be levied as per clause 13.0 of SCC of Volume-I, Commercial Conditions. As resolved in 84th Central Purchase Committee meeting of T&P held on 17.10.2007, it was approved to increase the levy of Liquidated damages from existing 10% to 20%.

Amended:

The stage wise penalty for delay in completion of project as per clause 13.0 of SCC of Volume-I, Commercial condition is amended from 20% penalty to 10% penalty as follows:

Clause: 13.0

STAGE WISE PENALTY FOR 66kV / 110kV LINE:			
No of Stages	Activities	Completion period	Percentage of Penalty
Stage-I	Check Survey, approval of Vendors/ drawings, etc	2 Months	½% per week subject to maximum of 10% of the value of the stage i.e., ½% per week of RsCrs of Stage-I for the uncompleted portion of the work.
Stage-II	Excavation, supply of stubs and stub concreting etc (25% of total location per month to be completed)	4 Months	½% per week subject to maximum of 10% of the value of the stage. i.e., ½% per week of RsCrs of Stage-II for the uncompleted portion of the work.

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Stage-III	Supply of Tower parts, erection of Towers, etc.	3 Months	½% per week subject to maximum of 10% of the value of the stage. i.e., ½% per week of RsCrs of Stage-III for the uncompleted portion of the work.
Stage-IV	Supply of Conductors and Hardwares etc., stringing, inspection and Commissioning	3 Months	½% per week subject to maximum of 10% of the Total contract value i.e., the DWA amount duly deducting the penalties recovered during Stage-I, Stage-II and Stage-III for the uncompleted portion of the work.

STAGE WISE PENALTY FOR 66kV / 110kV STATION:

No of Stages	Activities	Completion period	Percentage of Penalty
Stage-I	Approval of drawings/ Vendors, Land leveling, Security fencing etc., and foundation works for ODS, erection of columns for control room , Earthmat work	4 Months	½% per week subject to maximum of 10 % of the value of the stage. i.e., ½% per week of RsCrs of Stage-I for the uncompleted portion of the work.
Stage-II	Supply of all equipments (including power transformer) / Erection of Gantry, mounting structure and construction of control room building, cable ducts, laying of Power and control cable etc	5 Months	½% per week subject to maximum of 10% of the value of the stage. i.e., ½% per week of RsCrs of Stage-II for the uncompleted portion of the work.
Stage-III	Erection of equipments, Wiring of C&R Panels, illumination, painting etc, testing/inspection and commissioning	3 Months	½% per week subject to maximum of 10% of the Total contract value i.e., the DWA amount duly deducting the penalties recovered during Stage-I and Stage-II for the uncompleted portion of the work.

STAGE WISE PENALTY FOR 220kV LINE (upto 20 kms)			
No of Stages	Activities	Completion period	Percentage of Penalty
Stage-I	Check Survey, approval of Vendors/ drawings, etc.	2 Months	½% per week subject to maximum of 10% the value of the stage. i.e., ½% per week of RsCrs of Stage-I for the uncompleted portion of the work.
Stage-II	Excavation, supply of stubs and stub concreting etc (20% of total location per month to be completed)	5 Months	½% per week subject to maximum of 10% the value of the stage. i.e., ½% per week of RsCrs of Stage-II for the uncompleted portion of the work.
Stage-III	Supply of Tower parts, erection of Towers, etc.	7 Months	½% per week subject to maximum of 10% the value of the stage. i.e., ½% per week of RsCrs of Stage-III for the uncompleted portion of the work.
Stage-IV	Supply of Conductors and Hardwares etc., stringing, inspection and Commissioning	4 Months	½% per week subject to maximum of 10% of the Total contract value i.e., the DWA amount duly deducting the penalties recovered during Stage-I, Stage-II and Stage-III for the uncompleted portion of the work.

Note: In the case of 220 kv lines with length of more than 20 kms., completion period is proposed as (a) for Stage-I : 2 months, (b) for Stage-II : 7 months (c) for Stage-III : 5 months, and (d) for Stage - IV : 4 months.

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STAGE WISE PENALTY FOR 220kV STATION:			
No of Stages	Activities	Completion period	Percentage of Penalty
Stage-I	Approval of drawings/ Vendors, Land leveling, Security fencing etc., and foundation works for ODS, erection of columns for control room , Earthmat work	6 Months	½% per week subject to maximum of 10 % the value of the stage. i.e., ½% per week of RsCrs of Stage-I for the uncompleted portion of the work.
Stage-II	Supply of all equipments (including power transformer) / Erection of Gantry, mounting structure and construction of control room building, cable ducts, laying of Power and control cable etc	8 Months	½% per week subject to maximum of 10% the value of the stage. i.e., ½% per week of RsCrs of Stage-II for the uncompleted portion of the work/supplies.
Stage-III	Erection of equipments, Wiring of C&R Panels, illumination, painting etc, testing/inspection and commissioning	4 Months	½% per week subject to maximum of 10% of the Total contract value i.e., the DWA amount duly deducting the penalties recovered during Stage-I and Stage-II for the uncompleted portion of the work.

Bidder shall also define, while submitting the tender, the quantum of work (in Rs Lakhs) that will be carried out in each stage. KPTCL will indicate the Stage wise quantum of work (in Rs Lakhs) in the DWA after assessing the correctness of the amounts mentioned by the successful bidder.

5.0 Existing : Special Conditions of Contract (SCC)

Clause 13.3 : The total amount of Liquidated damages for delay under the contract shall be subject to a maximum of Twenty percent (20%) of the total contract price and the Owner has got every right to terminate the Contract without any liability if it crosses 20%

Amended: Special Conditions of Contract (SCC)

Clause 13.3 : The total amount of penalty for delay under the contract shall be subject to a maximum of ten percent (10%) of the total contract price and the Owner has got every right to terminate the Contract without any liability if it crosses 10%.

6.0 Existing : General Terms and Condition of Contract (GCC)

Clause 14.0 : The total amount of Liquidated damages for delay under the contract shall be subject to a maximum of Twenty percent (20%) of the total contract price.

Amended: General Terms and Condition of Contract (GCC)

Clause 14.0: The total amount of penalty for delay under the contract shall be subject to a maximum of Ten percent (10%) of the total contract price.

7.0 Recovery of Penalty :

For recovery of the 10% penalty amount on total contract value from the turnkey agency for delay in completion of the project, the following procedure shall be adopted.

- a) To calculate the penalty recoverable from turnkey agencies as per DWA terms and conditions for those works delayed beyond contractual agreement period.
- b) To limit the recovery of penalty to 10% of each bill value admitted in case of supply/ Civil/ erection bills.
- c) If the total penalty to be recovered is not fully recovered under Supply/ Civil/ Erection bills, the balance penalty has to be recovered in lump sum out of the final 10% retention bills of turnkey works.

8.0 Settlement of final claims :

The Turnkey Agency shall submit the price variation bills within two months of supply of materials with all relevant documents to the office of the Executive Engineer, El, Major Works and the same shall be passed by the Chief Engineer Elec., Transmission Zone within two months from the date of submission of the bills by the TK Agency. All the agencies/contractors, have to complete balance works of their commissioned projects and final bills of Retention, Quantity variation, Price Variation, Penalty, etc., if any has to be claimed within 3 months from the date of commissioning of the project. The concerned division office has to settle all the claims of the firm within 2 months from the date of receipt of final bills.

9.0 Activity Chart:

The TK Agency has to submit the activity chart as per the sample chart enclosed at Annexure 'A' so that the same can be included in the DWA without fail by the concerned.

The CEE(T&P), and all Zonal CEE's are directed to incorporate the above amendments in all future tenders without fail.

This order shall come into immediate effect.

B. Shete 25.08.09

Dy. General Manager (Tech)
K.P.T.C.L

Copy to: All Chief Engineers Electricity, KPTCL
The Financial Adviser (A&R) / (I/A) KPTCL Kaveri Bhavan, Bangalore.
All Superintending Engineers Electricity, KPTCL,
All Controller of Accounts, KPTCL.
All Executive Engineers Electricity, KPTCL, Bangalore.
All Deputy Controller of Accounts, KPTCL.
All officers, Corporate office, Kaveri Bhavan, Bangalore.
PS to MD / Director (Transmission) / Director (Finance) / Director(A&HR) / Company Secretary
KPTCL, Kaveri Bhavan, Bangalore.
Resident Audit Officer, Kaveri Bhavan, Bangalore.

Sample 'ACTIVITY CHART'

ID	Task Name	Start Date	Finish Date
1	Stage - I Engg, GIS Bldg & control Room columns & ODS foundations, Foundation of GIS Modules		
2	Design & Engineering		
3	Civil		
4	Architectural Drawings of GIS Bldg		
5	Foundation Design of GIS Bldg		
6	Drawings for 1 st Floor of GIS Bldg		
7	Drawings for 2 nd Floor of GIS Bldg		
8	Finishing Details of Building		
9	Foundation Design & Drawings for Tran		
10	Cable Trench Details & Drawings		
11	Foundation Design & Drawing for Equip		
12	Road & Drains Design & Drawings		
13	Drawing for Baffle Wall		
14	Electrical		
15	GIS Civil Requirement Drawings		
16	GIS Modules Drawings		
17	GIS SLD & Gas Diagram		
18	GIS layout & Section		
19	Control & Relay Panel Drawings		
20	11 KV Switchgear Drawings		
21	Transformer Drawings		
22	Earthing Calculation and Earthing Layout		
23	Equipment Drawings		
24	DSLIP Calculations & layout		
25	Illumination Calculations and Layout		
26	DG Set Drawings		
27	Cable Schedule		
28	Site Works		
29	Site Mobilization		
30	Micrograding of Site		
31	Excavation		
32	GIS Building Foundation and Plinth work		
33	Ground Floor		
34	First Floor		
35	Second Floor		
36	Internal finishing & Flooring		
37	Transformer foundations		

38	Cable Trench		
39	Road & Drains		
40	External Finishing Building & Gates		
41	Stage-II-Supply, Cable Laying, Erection of GIS Modules, Gantry, Construction of GIS Building, GIS Hall, Cable Ducts, Laying of Power & Control Cables		
42	Erection		
43	Ventilation & Airconditioning System		
44	Erection of GIS Modules		
45	Erection of Transformers		
46	Erection of 11 KV Switchgear		
47	Cable Laying & Terminations		
48	Supply		
49	Supply of Transformers		
50	Supply of GIS Modules		
51	Supply of Equipments		
52	Supply of 11 KV Switchgear		
53	Supply of DG Set		
54	Supply of C&R Panels		
55	Supply of Power & Control Cables		
56	Supply of Illumination Fixtures		
57	Stage-III Equipment erection, Wiring of C&R Panels, Testing & Commissioning, Illumination, Painting		
58	Erection of Equipments		
59	Erection of Control & Relay Panels		
60	Wiring of C&R Panels		
61	Testing & Commissioning		
62	Stage-IV Dismantling of Existing 66/11 KV Sub-Station, **Note: Dismantling will be taken up, only after successful commissioning of GIS Sub-Station and hence indicated beyond the contractual completion time		
63	Dismantling of 66/11 KV GIS		
64	Packing and Transporting of Returnable Equipment		

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B. Sela ^{25.08.09}
Dy. General Manager (Tech)
K.P.T.C.L

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

No. : B19/7654/84-85
Encl : Government Order with annexures.



Corporate Office,
Kaveri Bhavan,
Bangalore - 560 009.
Dated:

Sub:- Revising the schedule of rates for tree cut compensation to be paid to owners by KPTCL.

Ref:- 1. G.O No. ಕೃತೋ:509 ತೋ:ವಿ:2003 ಬೆಂಗಳೂರು ದ:16.12.03
2. KPTCL Corporate Order No B19/7654/84-85 dated 12.07.2005
3. G.O No. ಕೃತೋ:03 ತೋ:ವಿ:2008 ಬೆಂಗಳೂರು ದ:14.02.08.

PREAMBLE:- Tree cut compensation is being paid by KPTCL to the owners during construction of transmission lines / erecting towers in their property. The rates prescribed in Corporate order cited under reference(2) is based on the rates prescribed by the Government at that time. Now the Government has revised the rates of tree cut compensation with effect from 14.02.2008. The Horticulture Department are certifying the bills based on the Govt. order dated 14.02.2008. But payment to the turnkey contracts / owners is being restricted to old rates at Major Works Division offices. Contractors / owners are insisting to pay the compensation at the revised rates. Hence this order.

ORDER No. KPTCL/B19/7654/84-85 Bangalore

DATED: 26 AUG 2009

Corporation is pleased to accord approval for payment of the revised rate of compensation towards cutting of trees which is normally encountered during construction of transmission line, as per annexure I, II & III

The valuation of trees for compensation to be paid is made in two stages:-

- (1) Pre bearing stage
- (2) Bearing stage

(1) In the pre bearing stage non recurring expenditure and recurring expenditure and age of the tree is taken in to consideration.

Valuation of Compensation during Pre Bearing stage. = Non-recurring Expenditure + { Age of the tree X Average annual recurring expenditure during the pre-bearing stage. }

Value of non recurring and average annual recurring expenditure during the pre-bearing stage is given in the Annexure-II.

2. In Bearing Stage, basic value of the tree, value of compensation for the remaining years of the economic bearing period is taken into consideration as detailed below.

Calculation of compensation for a bearing tree is illustrated below.

$$\text{Basic value of the tree} = \text{Non recurring expenditure} + \left\{ \begin{array}{l} \text{Length} \\ \text{of Pre} \\ \text{bearing} \\ \text{period} \end{array} \right\} \times \left\{ \begin{array}{l} \text{Average annual recurring} \\ \text{expenditure to be incurred} \\ \text{during pre bearing stage.} \end{array} \right\}$$

All values are given in the Annexure-II.

The Horticultural trees are divided into four categories for purpose of calculation of average annual cost of cultivation. Present Value of the amount projected for remaining years in economic bearing period is calculated taking in to account the average annual cost of cultivation to be incurred on one tree during the economic bearing period, average annual income likely to be obtained from one tree, discount factor, remaining No. of years in the economic bearing period.

$$\text{Present value of the amount projected for the remaining number of years in economic bearing period (PV)} = \frac{\text{Remaining No of years in the economic bearing period} \times \left\{ \begin{array}{l} \text{Average} \\ \text{Annual} \\ \text{income} \end{array} \right\} - \left\{ \begin{array}{l} \text{Average} \\ \text{Annual} \\ \text{expendi} \\ \text{ture} \end{array} \right\}}{\text{Discount factor}}$$

All the values in the numerator is given in Annexure-II and discount factor values are given in the Annexure-III.

Considering the natural calamity which may damage / spoil the crop (Once in 4 Years on an average), 25% is to be deducted from the present value.

$$\text{Actual amount of compensation for the remaining number of years in the economic bearing period} = \text{PV} - \left\{ \frac{\text{PV}}{4} \right\}$$

$$\text{Value of final compensation for a bearing tree.} = \text{Basic value of tree} + \left\{ \begin{array}{l} \text{Actual amount of} \\ \text{compensation for the} \\ \text{remaining number of} \\ \text{years in the bearing} \\ \text{period} \end{array} \right\}$$

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Note:- If the tree for which valuation is being made is near to Market (within 10KMs distance), then maximum of 5% extra compensation may be given in addition to regular calculated compensation. Approving this extra compensation is completely left to the discretion of the officer who does the valuation. This extra compensation is not payable to the trees coming under category 3&4.

This comes into effect for all future cases of tree cut compensation and is not retrospective.

B. Chelvanarayanan
Dy. General Manager (Tech)
KPTCL

Copy to:-

All Chief Engineers Electricity, KPTCL.

The Financial Advisor (A&R)/(I/A), KPTCL, Kaveri Bhavan, Bangalore.

All Superintending Engineers Electrical Works / TL&SS / W&M Circle, KPTCL.

All Controller of Accounts, KPTCL.

All Executive Engineers Electrical, Major Works Division, KPTCL.

EA to Director(Transmission), KPTCL.

P.S. to MD/D(T)/D(F)/D(A&HR) KPTCL, Kaveri Bhavan, Bangalore.

All Managers Corporate Office KPTCL, Kaveri Bhavan, Bangalore.

Records Corporate Office KPTCL, Kaveri Bhavan, Bangalore.

ಸರ್ಕಾರದ ಸರ್ಕಾರದ ನಡವಳಿಗಳು

2007-08ನೇ ಸಾಲಿಗೆ ಭೂ ಸ್ವಾಧೀನ ಮಾಡಿಕೊಳ್ಳುವ ಜಮೀನಿನಲ್ಲಿ ಬೆಳೆದಿರುವ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳ ಮೌಲ್ಯಮಾಪನವನ್ನು ಪರಿಷ್ಕರಿಸುವ ಬಗ್ಗೆ.

1. ಸರ್ಕಾರದ ಆದೇಶ ನಂ.ಕೃತೋಇ:509:ತೋಇವಿ:2003 ದಿ: 16-12-2003.
 2. ತೋಟಗಾರಿಕೆ ನಿರ್ದೇಶನಾಲಯದ ಪತ್ರ ನಂ. ತೋಇ:ತೋಅನಿ(ಕ್ವೇ/ಸ):ಸತೋಅ1:41: 2007-2008 ದಿನಾಂಕ: 22-1-2008.

ಪ್ರಸ್ತಾವನೆ:

ಮೇಲೆ ಓದಲಾದ (1)ರ ಸರ್ಕಾರದ ಆದೇಶದಲ್ಲಿ ತೋಟಗಾರಿಕೆ ಬೆಳೆ ಹಾಗೂ ಮರಗಳಿಗೆ ಬೆಲೆಯನ್ನು ನಿರ್ಧರಿಸಲು ಅನುಬಂಧ-1ರ ಮಾರ್ಗಸೂಚಿಗೆ ಸರ್ಕಾರದ ಅನುಮೋದನೆ ನೀಡಲಾಗಿತ್ತು. ತೋಟಗಾರಿಕೆ ನಿರ್ದೇಶಕರು ಮೇಲೆ ಓದಲಾದ (2)ರ ಪ್ರಕಾರ ಭೂಸ್ವಾಧೀನಪಡಿಸಿಕೊಂಡ ಜಮೀನಿನಲ್ಲಿ ಬರುವ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳಿಗೆ ಸೂಕ್ತವಾದ ಪರಿಹಾರ ನಿಗದಿಪಡಿಸುವ ಕುರಿತು ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳಿಗೆ ತಗಲುವ ವೆಚ್ಚ, ಬರುವ ಆದಾಯ, ಇತ್ಯಾದಿಗಳನ್ನು ಲೆಕ್ಕ ಹಾಕಿ ಬೆಲೆ ನಿಗದಿಯನ್ನು ಪ್ರತಿ 5 ವರ್ಷಗಳಿಗೊಮ್ಮೆ ಪರಿಷ್ಕರಿಸಲಾಗುತ್ತಿದ್ದು, ಅದರಂತೆ ಈ ಹಿಂದೆ 2003ನೇ ಸಾಲಿನಲ್ಲಿ ದರಗಳನ್ನು ಪರಿಷ್ಕರಿಸಲಾಗಿತ್ತು. ಮಾರ್ಗಸೂಚಿಯನ್ವಯ 2008ನೇ ಸಾಲಿನಲ್ಲಿ ದರವನ್ನು ಪರಿಷ್ಕರಿಸಬೇಕಾಗಿದ್ದು, ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳ ಇತ್ತೀಚಿನ ಆದಾಯ ಮತ್ತು ವೆಚ್ಚಗಳನ್ನು ಲೆಕ್ಕಹಾಕಿ ಪರಿಷ್ಕರಿಸಲು ಸಮಿತಿಯನ್ನು ರಚಿಸಿದ್ದು ಸದರಿ ದಿನಾಂಕ: 17-1-2008 ರಂದು ಸಭೆ ಸೇರಿ, ಅರ್ಥಿಕ ಉದಾರೀಕರಣ ನೀತಿಯಿಂದಾಗಿ ಹೆಚ್ಚಾಗಿ ಕೈಗಾರಿಕೆರಣಕ್ಕೆ ಅಧ್ಯಕ್ಷ ನಿರ್ದೇಶನಾಂಗದಿಂದ ಹೆಚ್ಚುತ್ತಿರುವ ಜನ ಸಂಖ್ಯೆಗನುಗುಣವಾಗಿ ವಸತಿ ಸೌಲಭ್ಯಗಳನ್ನು ಕಲ್ಪಿಸುವ ಸಲುವಾಗಿ ಭೂಸ್ವಾಧೀನ ಪ್ರಕ್ರಿಯೆ ಸಹಜವಾಗಿದೆ. ಹೆಚ್ಚಾಗಿ ರೈತರ ಜಮೀನುಗಳಲ್ಲಿ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳನ್ನು ಬೆಳೆದಿರುವ ಪ್ರಸಂಗಗಳಲ್ಲಿ ಜಮೀನಿನ ಜೊತೆಯಲ್ಲಿ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳನ್ನು ಸಹ ಸ್ವಾಧೀನ ಪಡಿಸಿಕೊಳ್ಳಲಾಗುತ್ತಿದೆ. ಈ ರೀತಿ ಸ್ವಾಧೀನಪಡಿಸಿಕೊಳ್ಳುವ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳಿಗೆ ನೀಡುವ ಪರಿಹಾರದ ಈ ಮಾರ್ಗಸೂಚಿಯನ್ನು 2008ನೇ ಸಾಲಿಗೆ (ಪ್ರತಿ 5 ವರ್ಷಗಳಿಗೊಮ್ಮೆ) ಪರಿಷ್ಕರಿಸಲು ಸಮಿತಿಯು ತೀರ್ಮಾನಿಸಿರುತ್ತದೆ. ಈ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಪ್ರಸ್ತುತ ಅಭಿವೃದ್ಧಿ ನಿರ್ವಹಣೆ ವೆಚ್ಚ ಹಾಗೂ ಆದಾಯವನ್ನು ಗಣನೆಗೆ ತೆಗೆದುಕೊಂಡು ವಿವಿಧ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳಿಗೆ ಪ್ರಸ್ತುತ ಇದ್ದ ಬೆಲೆಗಳನ್ನು ಪರಿಷ್ಕರಿಸಿ ಪರಿಷ್ಕೃತ ದರಗಳನ್ನು ಅನುಬಂಧ-1ರಲ್ಲಿ ಇರುವಂತೆ ಶೇಕಡವಾರು ಹೆಚ್ಚಿಸಿ ಸರ್ಕಾರದ ಆದೇಶ ಯೋಜಿಸಲು ಕೋರಿರುತ್ತಾರೆ.

ಈ ಪ್ರಸ್ತಾವನೆಯನ್ನು ಸೂಲಂಕುಷವಾಗಿ ಪರಿಶೀಲಿಸಿ ಈ ಕೆಳಕಂಡಂತೆ ಆದೇಶಿಸಿದೆ.

ಸರ್ಕಾರದ ಆದೇಶ ನಂ.ಕೃತೋಇ:03:ತೋಇವಿ:2008 ಬೆಂಗಳೂರು ದಿನಾಂಕ: 14-2-2008

ಪ್ರಸ್ತಾವನೆಯಲ್ಲಿ ವಿವರಿಸಿರುವ ವಾಸ್ತವಾಂಶಗಳ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಭೂಸ್ವಾಧೀನ ಮಾಡಿಕೊಳ್ಳುವ ಜಮೀನಿನಲ್ಲಿ ಬೆಳೆದಿರುವ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳ ಮೌಲ್ಯ ಮಾಪನವನ್ನು ಅನುಬಂಧ-2ರ ಮಾರ್ಗಸೂಚಿಯಂತೆ ಪರಿಷ್ಕರಿಸಿ ಇದರೊಂದಿಗೆ ಲಗತ್ತಿಸಿರುವ ಅನುಬಂಧ-1 ರಲ್ಲಿನ ದರದಂತೆ ಬೆಲೆಗಳನ್ನು ನಿರ್ಧರಿಸಿ ಮೌಲ್ಯ ಮಾಪನ ಮಾಡಲು ಸರ್ಕಾರವು ಆದೇಶಿಸಿದೆ.

ಭಾರತದ ರಾಷ್ಟ್ರಪತಿಯವರ ಆಜ್ಞಾನುಸಾರ
 ಮತ್ತು ಅವರ ಹೆಸರಿನಲ್ಲಿ

 ಸಹಿ/-
 (ಎಸ್. ರಾಜು)
 ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿಗಳು
 ತೋಟಗಾರಿಕೆ ಇಲಾಖೆ

ತೋಟಗಾರಿಕೆ ನಿರ್ದೇಶಕರು
 ಬಾಂಜೆಬಾಗ್, ಬೆಂಗಳೂರು

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ಕರ್ನಾಟಕ ಅರಣ್ಯ ನಂ.ಕೃತೋಇ:03:ತೋಇವಿ:2008 ದಿನಾಂಕ: 14-2-2008ಕ್ಕೆ
ಅನುಬಂಧ-1

ಕರ್ನಾಟಕ ರಾಜ್ಯದಲ್ಲಿ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳಿಗೆ ಮೌಲ್ಯಮಾಪನ ಮಾಡಲು 2003 ರಿಂದ 2008ನೇ ಸಾಲಿಗೆ

ಶೇಕಡಾವಾರು ಹೆಚ್ಚಿಸಿರುವ ವಿವರಗಳು

ಕ್ರ. ಸಂ.	ಬೆಳೆಯ ಹೆಸರು	ಮೌಲ್ಯ ಮಾಪನಕ್ಕೆ ತೆಗೆದುಕೊಂಡಿರುವ ಗಿಡದ ವಯಸ್ಸು (ವರ್ಷ)	2008ನೇ ಸಾಲಿನ ಅಂತಿಮ ಮೌಲ್ಯ (ಪ್ರತಿ ಮರಕ್ಕೆ)	2003ನೇ ಸಾಲಿನಲ್ಲಿದ್ದ ಅಂತಿಮ ಮೌಲ್ಯ (ಪ್ರತಿ ಮರಕ್ಕೆ)	ಶೇಕಡಾವಾರು ಹೆಚ್ಚಳ
1	ಮಾವಿನ ಸಸಿ	25	7679.40	3054.00	151
2	ಮಾವಿನ ಕಸಿ	25	14841.70	5899.00	152
3	ಸಪೋಟ ಕಸಿ	25	9856.51	3894.50	153
4	ಸೀಬೆ ಸಸಿ	10	1307.43	514.75	154
5	ಸೀಬೆ ಕಸಿ	10	1575.30	613.50	157
6	ಹಲಸು ಸಸಿ	25	8656.65	3447.64	151
7	ಹಲಸು ಕಸಿ	25	9230.75	3670.00	152
8	ದಾಳಿಂಬೆ (ಗೂಟೆ)	6	1203.85	466.50	158
9	ಸೀತಾಫಲ ಕಸಿ	7	879.95	354.50	148
10	ರಾಪುಸ್ತಲ	10	825.68	325.50	154
11	ಬರಿಮೋಯ	10	1384.55	544.75	154
12	ಅಟಿಮೋಯ	10	1459.63	578.88	152
13	ನಿಂಬೆ ಸಸಿ	5	1057.10	397.00	166
14	ನಿಂಬೆ ಬಡೆಡ್	5	1105.40	418.00	164
15	ಸಿಹಿ ನಿಂಬೆ	5	992.90	373.00	166
16	ಗಜನಿಂಬೆ	5	1060.65	400.50	165
17	ಕೊಡಗು ಕಿತ್ತಳೆ	5	1434.45	548.50	162
18	ಕಿತ್ತಳೆ	5	1305.64	501.20	161
19	ಹೇರಳೆ	5	1307.65	511.75	156
20	ಸಿಟ್ರಾನ್ (ಮಾದಳ)	5	1789.10	707.50	153
21	ಚನ್ನೋತ	5	1476.25	567.50	160

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ಕ್ರ. ಸಂ.	ಬೆಲೆಯ ಹೆಸರು	ಮೌಲ್ಯ ಮಾಪನಕ್ಕೆ ತೆಗೆದುಕೊಂಡಿರುವ ಗಿಡದ ವಯಸ್ಸು (ವರ್ಷ)	2008ನೇ ಸಾಲಿನ ಅಂತಿಮ ಮೌಲ್ಯ (ಪ್ರತಿ ಮರಕ್ಕೆ)	2003ನೇ ಸಾಲಿನಲ್ಲಿ ದ್ದ ಅಂತಿಮ ಮೌಲ್ಯ (ಪ್ರತಿ ಮರಕ್ಕೆ)	ಬೆಕಡಾವಾರು ಬೆಲೆ
22	ಅಂಜೂರ (ಗೂಟ)	5	556.20	220.80	152
23	ನೆಲ್ಲಿ ಸಸಿ	10	952.16	376.36	153
24	ನೆಲ್ಲಿ ಕಸಿ	8	876.35	344.50	154
25	ಹುಣಸೆ ಸಸಿ	25	18105.25	7227.50	151
26	ಹುಣಸೆ ಕಸಿ	25	16294.73	6504.75	151
27	ದ್ರಾಕ್ಷಿ				
	1. ಬೆಂಗಳೂರು ನೀಲಿ	4	2096.40	715.50	193
	2. ಬೀಜ ರಹಿತ ತಳಿ				
	a. 6x4 1815 ಬಳ್ಳಿ	4	951.60	356.00	167
	b. 6x6 1210 ಬಳ್ಳಿ	4	1220.60	458.00	167
	3. ಬಿಳಿದ್ರಾಕ್ಷಿ ತಳಿ				
	a. 11x5 1/2: 720 ಬಳ್ಳಿ	4	974.25	455.00	114
	4. ಅನಾಬ್-ಇ-ಪಾಹಿ				
	b. 22x11 180 ಬಳ್ಳಿ	4	2485.88	848.75	193
28	ಬೆಣ್ಣೆ ಹಣ್ಣು	15	2276.83	911.41	150
29	ಬ್ರೆಡ್ ಪೂಟ್	10	2003.90	787.00	155
30	ಬೋರೆ ಹಣ್ಣು (ಕಸಿ)	15	2950.50	1165.50	153
31	ಕಾಡು ಬೋರೆ	10	1090.07	437.09	149
32	ಪನ್ನೇರಳೆ	10	2504.50	990.00	153
33	ಮಲಯನ್ ಆಪಲ್	25	2031.60	807.00	152
34	ಮರನೇಬು	10	2262.13	896.50	152
35	ನೇರಳೆ ಸಸಿ	10	2924.28	1160.40	152
36	ನೇರಳೆ ಕಸಿ	10	2749.93	1079.33	155
37	ಏಜೂರ	25	2133.80	852.00	150

ಕ್ರ. ಸಂ.	ಬೆಳೆಯ ಹೆಸರು	ಮೌಲ್ಯ ಮಾಪನಕ್ಕೆ ತೆಗೆದುಕೊಂಡಿರುವ ಗಿಡದ ವಯಸ್ಸು (ವರ್ಷ)	2008ನೇ ಸಾಲಿನ ಅಂತಿಮ ಮೌಲ್ಯ (ಪ್ರತಿ ಮರಕ್ಕೆ)	2003ನೇ ಸಾಲಿನಲ್ಲಿದ್ದ ಅಂತಿಮ ಮೌಲ್ಯ (ಪ್ರತಿ ಮರಕ್ಕೆ)	ಶೇಕಡಾವಾರು ಹೆಚ್ಚಳ
38	ಲಿಚ್ಚಿ	15	3423.96	1362.18	151
39	ಫಾಲ್ಸು	5	228.80	87.50	161
40	ಲಕ್ಕಾಟ್	10	832.45	324.50	157
41	ಕಮರಕ್	10	1889.66	746.36	153
42	ಬಿಳಿಂಬಿ	5	496.90	192.50	158
43	ಕಿರುನೆಲ್ಲಿ	5	631.65	246.75	156
44	ಬಾರ್ಬಡಾನ್ ಚೆರಿ	5	200.40	75.00	167
45	ಪ್ರೆಜಿಲಿಯನ್ ಚೆರಿ	5	233.00	88.50	163
46	ಸಿಂಗಪೂರ್ ಚೆರಿ	4	106.20	39.60	168
47	ಅಮೈ	10	1019.15	402.75	153
48	ಮುಳ್ಳು ರಾಮಫಲ	5	597.77	233.17	156
49	ತೆಂಗು				
	1. ಗಿಡ್ಡತಳಿ	15	4625.02	1655.94	179
	2. ಎತ್ತರ ತಳಿ	25	10236.42	3702.09	177
	3. ಸಂಕರಣ ತಳಿ	20	9805.32	3534.33	177
50	ಅಡಿಕೆ	15	1816.21	705.69	157
51	ಕೊಕೋ	10	1647.55	636.50	159
52	ಗೋಡಂಬಿ ಸಸಿ	20	2493.80	988.00	152
53	ಗೋಡಂಬಿ ಕಸಿ	20	2623.57	1039.67	152
54	ಏಲಕ್ಕಿ	6	441.15	178.50	147
55	ಕರಿಮೆಣಸು				
	1. ಸ್ಥಳೀಯ ತಳಿ	6	1376.50	533.25	158
	2. ಸಂಕರಣ ತಳಿ	6	2107.65	826.75	155
56	ವಿಜ್ಞಾನಲೆ				
	1. 10000ಗಿಡ/ಎಕರೆ	4	35.60	14.50	146

ಕ್ರ. ಸಂ.	ಬೆಳೆಯ ಹೆಸರು	ಮೌಲ್ಯ ಮಾಪನಕ್ಕೆ ತೆಗೆದುಕೊಂಡಿರುವ ಗಿಡದ ವಯಸ್ಸು (ವರ್ಷ)	2008ನೇ ಸಾಲಿನ ಅಂತಿಮ ಮೌಲ್ಯ (ಪ್ರತಿ ಮರಕ್ಕೆ)	2003ನೇ ಸಾಲಿನಲ್ಲಿದ್ದ ಅಂತಿಮ ಮೌಲ್ಯ (ಪ್ರತಿ ಮರಕ್ಕೆ)	ಶೇಕಡಾವಾರು ಹೆಚ್ಚಳ
	2. 4000ಗಿಡ/ಎಕರೆ	4	57.65	23.00	151
57	ಬಾದಾಮಿ (ಸ್ಥಳೀಯ)	25	729.27	290.18	151
58	ಕರ್ನೂರಿ	25	671.91	264.91	154
59	ನುಗ್ಗೆ	6	715.80	280.80	155
60	ಬರ್ಬರ	15	462.64	182.60	153
61	ಮಲ್ಲಿಗೆ				
	1. ಗುಂಡು ಮಲ್ಲಿಗೆ, ಕಾಕಡ ಮತ್ತು ಇತರೆ	2	234.60	92.00	155
	2. ಬಳ್ಳಿ ಗ್ರಾಂಡಿಪ್ಲೋರಾ, ಜಾಜಿ ಮತ್ತು ಇತರೆ	3	598.12	233.60	156
62	ಕನಕಾಂಬರ	2	32.60	13.00	151
63	ತಾಳೆ	15	6345.95	2534.00	150

ವಿಷಯ: 1. ಪ್ರತಿ ವರ್ಷವೂ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳ ಅಭಿವೃದ್ಧಿ, ನಿರ್ವಹಣೆ ವೆಚ್ಚ ಹಾಗೂ ಆದಾಯ ಗಣನೀಯವಾಗಿ ಹೆಚ್ಚಾಗುತ್ತಿರುವ ಹಿನ್ನೆಲೆಯಲ್ಲಿ, ಭೂ ಸ್ವಾಧೀನ ಪ್ರಕ್ರಿಯೆಗೆ ಒಳಗಾಗುವ ರೈತರ ಜಮೀನಿನಲ್ಲಿನ ಬೆಳೆಗಳಿಗೆ ಹೆಚ್ಚಿನ ಬೆಲೆ ನಿಗದಿ ಪಡಿಸುವ ಸಲುವಾಗಿ 2003ನೇ ಸಾಲಿನಲ್ಲಿದ್ದ ಬೆಲೆಯನ್ನು ಆ ಬೆಳೆಯ ಆರ್ಥಿಕ ಇಳುವರಿಯ ವಯಸ್ಸಿಗನುಗುಣವಾಗಿ ಮೇಲಿನಂತೆ ಶೇಕಡಾವಾರು ಹೆಚ್ಚಿಸಲಾಗಿದೆ.

2. ಸದರಿ ಮೌಲ್ಯವು ಆ ತೋಟಗಾರಿಕೆ ಬೆಳೆಯನ್ನು ಮೌಲ್ಯ ಮಾಪನ ಮಾಡುವ ಸಂದರ್ಭದಲ್ಲಿನ ವಯಸ್ಸಿಗನುಗುಣವಾಗಿ ಹೆಚ್ಚು ಅಥವಾ ಕಡಿಮೆಯಾಗುವ ಸಂಭವವಿರುತ್ತದೆ:

ಸಹಿ/-

(ಎಸ್. ರಾಜು)

ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ

ತೋಟಗಾರಿಕೆ ಇಲಾಖೆ

ತೋಟಗಾರಿಕೆ ನಿರ್ದೇಶಕರು

ಲಾಲ್‌ಬಾಗ್, ಬೆಂಗಳೂರು

20/10/08

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ಅನುಬಂಧ-2

ಕರ್ನಾಟಕ ರಾಜ್ಯದಲ್ಲಿ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳಿಗೆ ಮಾಲ್ಕಿ ಮೌಲ್ಯಮಾಪನದ ಪರಿಷ್ಕೃತ
ಮಾರ್ಗಸೂಚಿ.

ಸರ್ಕಾರದ ಆದೇಶ ಮತ್ತು ಆಚರಣೆಯಲ್ಲಿರುವಂತೆ ಭೂ ಸ್ವಾಧೀನಪಡಿಸಿಕೊಂಡು ಜಮೀನಿನಲ್ಲಿರುವ ಬೆಳೆಗಳಿಗೆ ತೋಟಗಾರಿಕೆ ಇಲಾಖೆಯ ಅಧಿಕಾರಿಗಳ ಶಿಫಾರಸ್ಸಿನಂತೆ ಭೂ ಸ್ವಾಧೀನ ಕಾಯ್ದೆಯನ್ವಯ ಬೆಲೆ ನಿಗದಿಪಡಿಸಿ, ಪರಿಹಾರವನ್ನು ಸಂಬಂಧಿಸಿದ ಬೆಳೆಗಾರನಿಗೆ ನೀಡಲಾಗುತ್ತಿದೆ. ಅದರಂತೆ ತೋಟಗಾರಿಕೆ ಇಲಾಖೆಯು ಭೂ ಸ್ವಾಧೀನಪಡಿಸಿಕೊಂಡು ಜಮೀನಿನಲ್ಲಿನ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳಿಗೆ ಮಾಲ್ಕಿ ಮೌಲ್ಯಮಾಪನ ಮಾಡಲು ಹಲವಾರು ಪ್ರಯತ್ನಗಳನ್ನು ಮಾಡಿ ಒಂದು ತರ್ಕ ಸಮ್ಮತವಾದ ಮಾರ್ಗಸೂಚಿಯನ್ನು ನಿಗದಿಪಡಿಸಿರುತ್ತಾರೆ. ಪ್ರಸ್ತುತ, ಆಚರಣೆಯಲ್ಲಿರುವ ಮಾರ್ಗಸೂಚಿಯನ್ನು 2003ರಲ್ಲಿ ಪರಿಷ್ಕರಿಸಲಾಗಿದೆ. ಪ್ರತಿ 5 ವರ್ಷಗಳಿಗೊಮ್ಮೆ ಈ ಮಾರ್ಗಸೂಚಿಯನ್ನು ಪರಿಷ್ಕರಿಸಲು ನಿರ್ದೇಶಿಸಲಾಗಿರುವ ಹಿನ್ನೆಲೆಯಲ್ಲಿ 2008ನೇ ಸಾಲಿನಲ್ಲಿ ಹೊಸದಾಗಿ ಪರಿಷ್ಕರಿಸಬೇಕಾಗಿರುತ್ತದೆ. ಏಕೆಂದರೆ ಪ್ರತಿ ವರ್ಷವೂ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳ ನಿರ್ವಹಣೆ ವೆಚ್ಚ ಗಣನೀಯವಾಗಿ ಹೆಚ್ಚುತ್ತಿದ್ದು, ಆದಾಯವು ಅಲ್ಪ ಪ್ರಮಾಣದಲ್ಲಿ ವೃದ್ಧಿಸುತ್ತಿದೆ. ಈ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಪ್ರಸ್ತುತ ಚಾಲ್ತಿಯಲ್ಲಿರುವ, 2003ರಲ್ಲಿ ಪರಿಷ್ಕರಿಸಲಾಗಿದ್ದ ಮಾರ್ಗಸೂಚಿಯನ್ನು ಪರಿಷ್ಕರಿಸುವ ಅವಶ್ಯಕತೆ ಹೆಚ್ಚಾಗಿದ್ದು, ಮಾರುಕಟ್ಟೆ ಬೆಳೆಗಳನ್ನು ಆಧರಿಸಿ ಪರಿಷ್ಕರಿಸಲಾಗಿದೆ.

ಮೌಲ್ಯಮಾಪನ ಕಾರ್ಯ ವಿಧಾನ:-

ಮೌಲ್ಯಮಾಪನವು ವೈಜ್ಞಾನಿಕವಾಗಿ ನಿಖರವಾಗಿದ್ದಲ್ಲಿ, ಪ್ರತ್ಯಕ್ಷವಾಗಿ ಹಾಗೂ ಪರೋಕ್ಷವಾಗಿ ಮೌಲ್ಯಮಾಪನಕ್ಕೆ ಸಂಬಂಧಿಸಿದ ಹಲವಾರು ಅಂಶಗಳನ್ನು ಯಾವುದೇ ವಿಳಂಬವಿಲ್ಲದೆ ಸಾಧಿಸಬಹುದಾಗಿರುತ್ತದೆ. ಮರಗಳ ಮೌಲ್ಯಮಾಪನವು ಮುಖ್ಯವಾಗಿ ಆ ಬೆಳೆಗೆ ಫಸಲು ಬಿಡುವ ತನಕ ಮಾಡಿರುವ ವೆಚ್ಚ ಹಾಗೂ ಮರವು ಜೀವಿತ ಅವಧಿಯ ಉಳಿದ ವರ್ಷಗಳಲ್ಲಿ ಬೆಳೆಗಾರನಿಗೆ ಆದಾಯ ನೀಡುವಲ್ಲಿನ ಸಾಮರ್ಥ್ಯದ ಮೇಲೆ ಅವಲಂಬಿತವಾಗಿರುತ್ತದೆ.

ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳ ಮೌಲ್ಯಮಾಪನದಲ್ಲಿ 2 ಹಂತಗಳಿರುತ್ತವೆ.

- 1) ಫಸಲು ಬಿಡುವ ಪೂರ್ವಾವಧಿ(Pre bearing stage)
- 2) ಫಸಲು ನೀಡುವ ಅವಧಿ(Bearing state)

ಈ ಎರಡು ಹಂತಗಳಲ್ಲಿ ಬೆಳೆಗಳ/ಮರಗಳ ಮೌಲ್ಯವನ್ನು ವಿವಿಧ ಸೂತ್ರಗಳನ್ನು
ಅನ್ವೇಷಿಸಿಕೊಂಡು ಕಂಡು ಹಿಡಿಯಬಹುದಾಗಿರುತ್ತದೆ.

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1. ಫಸಲು ಬಿಡುವ ಪೂರ್ವಾವಧಿ (Pre bearing stage)ಯ ಹಂತದಲ್ಲಿನ ಮೌಲ್ಯಮಾಪನ:

ಈ ಹಂತದಲ್ಲಿ ತೋಟಗಾರಿಕೆ ಬೆಳೆಯನ್ನು ಬೆಳೆಯುವಾಗ ಸಂಭವಿಸುವ ವೆಚ್ಚವನ್ನು 2 ಭಾಗಗಳಾಗಿ ಈ ಕೆಳಕಂಡಂತೆ ವಿಭಜಿಸಲಾಗಿದೆ.

1. ಪುನರ್ಘಟಿಸದ ವೆಚ್ಚ (Non Recurring Expenditure)
2. ಪುನರ್ಘಟಿಸುವ ವೆಚ್ಚ (Recurring Expenditure)

1. ಪುನರ್ಘಟಿಸದ ವೆಚ್ಚ (Non Recurring Expenditure)

ಹೊಸದಾಗಿ ತೋಟ ನಿರ್ಮಾಣ ಮಾಡುವಾಗ ಭೂಮಿ ತಯಾರಿಸುವುದು, ಲೇಔಟ್ ಮಾಡುವುದು, ಗುಂಡಿ ತೆಗೆದು ಮುಚ್ಚುವುದು, ಗಿಡಗಳ ವೆಚ್ಚ (ಸಾಗಾಣಿಕೆ ಸೇರಿದಂತೆ), ಗಿಡ ನೆಡುವುದು ಇತ್ಯಾದಿ ಕಾರ್ಯಗಳನ್ನು ಮಾಡಲು ತಗಲುವ ವೆಚ್ಚವನ್ನು ಪುನರ್ಘಟಿಸದ ವೆಚ್ಚ (Non Recurring Expenditure) ಎಂದು ಕರೆಯುತ್ತೇವೆ. ಇದು ಬೆಳೆಯಿಂದ ಬೆಳೆಗೆ ಬದಲಾವಣೆಯಾಗುತ್ತದೆ. ಈ ವೆಚ್ಚವನ್ನು ಅನುಬಂಧ-1ರಲ್ಲಿ ಕಾಣಿಸಲಾಗಿದೆ.

2. ಪುನರ್ಘಟಿಸುವ ವೆಚ್ಚ (Recurring Expenditure):-

ಇದು ವಾರ್ಷಿಕ ವೆಚ್ಚವಾಗಿದ್ದು, ವಿವಿಧ ಬೇಸಾಯ ಕಾರ್ಯಕ್ರಮಗಳಾದ ಅಂತರಬೇಸಾಯ, ಕಳೆ ತೆಗೆಯುವುದು, ನೀಲಾವರಿ, ಗೊಬ್ಬರ ಹಾಕುವುದು, ಸಸ್ಯ ಸಂರಕ್ಷಣೆ ಇತ್ಯಾದಿಗಳಿಗೆ ತಗಲುವ ವೆಚ್ಚವಾಗಿರುತ್ತದೆ. ಪ್ರತಿ ಬೆಳೆಗೆ ತಗಲುವ ವೆಚ್ಚವನ್ನು ಅನುಬಂಧ-1ರಲ್ಲಿ ಕಾಣಿಸಲಾಗಿದೆ.

ಅದರಂತೆ ಫಸಲು ಬಿಡುವ ಪೂರ್ವಾವಧಿಯಲ್ಲಿ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳಿಗೆ ಮಾಲ್ಟಿ ಮೌಲ್ಯಮಾಪನ ನಿರ್ದೇಶನಲು ಈ ಕೆಳಕಂಡ ಸೂತ್ರವನ್ನು ಉಪಯೋಗಿಸಬೇಕು.

$$\text{ಫಸಲು ಬಿಡುವ ಪೂರ್ವಾವಧಿಯಲ್ಲಿನ ಮರಗಳ ಮಾಲ್ಟಿ ಮೌಲ್ಯ} = \text{ಪುನರ್ಘಟಿಸದ ವೆಚ್ಚ} + \left\{ \begin{array}{l} \text{ಮರದ ವಯಸ್ಸು} \times \text{ಫಸಲು ಬಿಡುವ} \\ \text{ಪೂರ್ವಾವಧಿಯಲ್ಲಿ} \\ \text{ಪುನರ್ಘಟಿಸುವ} \\ \text{ಸರಾಸರಿ ವಾರ್ಷಿಕ} \\ \text{ವೆಚ್ಚ} \end{array} \right\}$$

$$\text{Valuation of Compensation During Pre Bearing stage} = \text{Non-recurring Expenditure} + \left\{ \begin{array}{l} \text{Age of the Tree} \\ \times \\ \text{Average Annual Recurring Expenditure During the Pre-Bearing stage.} \end{array} \right\}$$



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2. ಫಸಲು ಬಿಡುವ ಅವಧಿಯಲ್ಲಿ (Bearing stage) ಮೌಲ್ಯಮಾಪನ:-

ಫಸಲು ಬಿಡುವ ಅವಧಿಯಲ್ಲಿನ ಮರಗಳ ಮೌಲ್ಯಮಾಪನ ಬೆಲೆ ಕಂಡು ಹಿಡಿಯುವುದು ಫಸಲು ಬಿಡುವ ಪೂರ್ವಾವಧಿಯಲ್ಲಿನ ಬೆಲೆಯನ್ನು ಕಂಡು ಹಿಡಿಯುವಷ್ಟು ಸುಲಭವಲ್ಲ. ಏಕೆಂದರೆ ಹಲವಾರು ಅಂಶಗಳು ಈ ಹಂತದಲ್ಲಿ ಅಡಕವಾಗಿದ್ದು ಅವುಗಳನ್ನು ಸಹ ಪರಿಗಣನೆಗೆ ತೆಗೆದುಕೊಳ್ಳಬೇಕಾಗಿರುತ್ತದೆ.

ಅದರಂತೆ, ಫಸಲು ಬಿಡುವ ಅವಧಿಯಲ್ಲಿನ ಮರಗಳ ಮಾಲ್ಕಿ ಮೌಲ್ಯಮಾಪನದ ಒಟ್ಟು ಮಾತ್ರ ಈ ಕೆಳಗಿನವುಗಳನ್ನು ಒಳಗೊಂಡಿರುತ್ತದೆ.

1. ಮರದ ಮೂಲ ಬೆಲೆ (Basic value of the tree)
2. ಆರ್ಥಿಕವಾಗಿ ಲಾಭದಾಯಕವಾಗಿರತಕ್ಕಂತಹ ಅವಧಿಯಲ್ಲಿ ಉಳಿಕೆ ವರ್ಷಗಳ ಪರಿಹಾರದ ಮೊತ್ತ (Value of compensation for the remaining years of the economic bearing period)

ಮರಮುಟ್ಟು /ಉರುವಲಿಗೆ (Timber/Fire wood) ಉಪಯೋಗಿಸುವ ಮರದ ಭಾಗವನ್ನು ಮೌಲ್ಯಮಾಪನ ನಿಗದಿಪಡಿಸುವಾಗ ಗಣನೆಗೆ ತೆಗೆದುಕೊಂಡಿರುವುದಿಲ್ಲ.

ಈ ಅವಧಿಯಲ್ಲಿನ ಮರಗಳ ಮೌಲ್ಯಮಾಪನ ಮಾಡುವಾಗ ಕೆಳಕಂಡ ಮೌಲ್ಯಗಳನ್ನು ಕಂಡು ಹಿಡಿದ ನಂತರ ಮೌಲ್ಯಮಾಪನ ಮಾಡುವ ಮರದ ಪ್ರಸಕ್ತ ಬೆಲೆಯನ್ನು ಕಂಡು ಹಿಡಿಯಲು ಸುಲಭವಾಗುತ್ತದೆ.

1. ಮರದ ಮೂಲ ಬೆಲೆ (Basic value of the tree):-

ಫಲ ಬಿಡುವ ಪೂರ್ವಾವಧಿಯಲ್ಲಿ ಮಾಡಿರುವ ವೆಚ್ಚದ ಒಟ್ಟು ಮೊತ್ತವನ್ನು ಆ ಮರದ ಮೂಲ ಬೆಲೆಯೆಂದು ಕರೆಯುತ್ತೇವೆ. ಈ ಕೆಳಗಿನ ಸೂತ್ರದಿಂದ ಮರದ ಮೂಲ ಬೆಲೆಯನ್ನು (Basic values) ಕಂಡು ಹಿಡಿಯಬಹುದು.

$$\text{ಮೂಲಬೆಲೆ} = \text{ಪುನರ್ಘಟಿಸಿದ ವೆಚ್ಚ} + \left\{ \begin{array}{l} \text{ಫಸಲು ಬಿಡುವ} \\ \text{ಪೂರ್ವಾವಧಿ} \end{array} \right\} \times \left\{ \begin{array}{l} \text{ಫಸಲು ಬಿಡುವ} \\ \text{ಪೂರ್ವಾವಧಿಯಲ್ಲಿ} \\ \text{ಪುನರ್ಘಟಿಸುವ ಸರಾಸರಿ} \\ \text{ವಾರ್ಷಿಕ ವೆಚ್ಚ} \end{array} \right\}$$

$$\text{Basic Value} = \text{Non-recurring Expenditure} + \left\{ \begin{array}{l} \text{Length of the} \\ \text{Prebearing} \\ \text{Period} \end{array} \right\} \times \left\{ \begin{array}{l} \text{Average annual Re-} \\ \text{curring Expenditure to} \\ \text{be incurred during the} \\ \text{prebearing stage} \end{array} \right\}$$

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ಮೌಲ್ಯಮಾಪನ ಮಾಡುವ ಅಧಿಕಾರಿ ಈ ಸೂತ್ರವನ್ನು ಉಪಯೋಗಿಸುವ ಅಗತ್ಯವಿರುವುದಿಲ್ಲ. ಏಕೆಂದರೆ ಸಿದ್ಧಪಡಿಸಿದ ಮೂಲ ಬೆಲೆಯನ್ನು ಅನುಬಂಧ-1ರಲ್ಲಿ ನೀಡಲಾಗಿದೆ.

II. ಆರ್ಥಿಕವಾಗಿ ಲಾಭದಾಯಕವಾಗಿರತಕ್ಕಂತಹ ಅವಧಿಯಲ್ಲಿ ಉಳಿಕೆ ವರ್ಷಗಳ ಪರಿಹಾರದ ಮೊತ್ತ
(Value of compensation for the remaining years of the economic bearing period)

ಫಸಲು ಬಿಡುವ ಅವಧಿಯಲ್ಲಿನ ಮರಗಳ ಮೌಲ್ಯಮಾಪನ ಕಾರ್ಯ ತೀಕ್ಷ್ಣವಾಗಿ ಅವಲೋಕಿಸುವಂತಹ ಜಟಿಲವಾದ ಅಂಶವಾಗಿರುತ್ತದೆ. ಮರಗಳಿಗೆ ನೈಜ ಬೆಲೆಯನ್ನು ಕಂಡು ಹಿಡಿಯದೇಕಾದಲ್ಲಿ, ಇದರಲ್ಲಿ ಅಡಕವಾಗಿರುವ ಅಂಶಗಳನ್ನು ಅಥವಾ ಸೂತ್ರಗಳನ್ನು ಎಚ್ಚರಿಕೆಯಿಂದ ಅಭ್ಯಸಿಸಿ, ಬೆಲೆ ನಿಗದಿಪಡಿಸಬೇಕಾಗಿರುತ್ತದೆ. ಈ ಬೆಲೆಯನ್ನು ನಿಗದಿಪಡಿಸಲು ಅವಶ್ಯವಿರುವ ಅಂಶಗಳು ಈ ಕೆಳಕಂಡಂತಿದೆ.

a) **ಆರ್ಥಿಕವಾಗಿ ಲಾಭದಾಯಕವಾಗಿರತಕ್ಕಂತಹ ಅವಧಿಯಲ್ಲಿನ ಉಳಿದ ವರ್ಷಗಳು** (No. of remaining years in the economic bearing period)

ಯಾವ ತೋಟಗಾರಿಕೆ ಗಿಡವನ್ನು ಮೌಲ್ಯಮಾಪನ ಮಾಡಲಾಗುತ್ತಿದೆಯೋ ಆ ಗಿಡದ ಆರ್ಥಿಕವಾಗಿ ಲಾಭದಾಯಕ ಇಳುವರಿ ನೀಡುವ ಅವಧಿಯಲ್ಲಿ ಇನ್ನು ಉಳಿದಿರುವ ಉಳಿಕೆ ವರ್ಷಗಳು ಎಷ್ಟು ಎಂಬುದು ಮೌಲ್ಯಮಾಪನ ಪ್ರಕ್ರಿಯೆಯಲ್ಲಿ ಬಹುಮುಖ್ಯವಾದ ಪಾತ್ರವನ್ನು ವಹಿಸುತ್ತದೆ. ಏಕೆಂದರೆ, ಈ ಅಂಶದ ಮೇಲೆಯೇ ಆ ಗಿಡವು ಒಂದು ವೇಳೆ ರೈತ/ಮಾಲೀಕನ ಒಡತನದಲ್ಲಿ ಮುಂದುವರಿದಿದ್ದ ಪಕ್ಷದಲ್ಲಿ ಎಷ್ಟು ಮೊತ್ತದ ಆದಾಯ ಬರುತ್ತಿತ್ತು ಎಂಬುದನ್ನು ತಿಳಿಯುವಲ್ಲಿ ನಿರ್ಣಾಯಕ ಪಾತ್ರ ವಹಿಸುತ್ತದೆ.

$$\text{ಆರ್ಥಿಕವಾಗಿ ಲಾಭದಾಯಕ ವಾಗಿರತಕ್ಕಂತಹ ಅವಧಿಯಲ್ಲಿ ಉಳಿಕೆ ವರ್ಷಗಳು} = \left\{ \begin{array}{l} \text{ಆರ್ಥಿಕವಾಗಿ} \\ \text{ಫಸಲು ಬಿಡುವ} \\ \text{ಸರಾಸರಿ ಅವಧಿ} \end{array} + \begin{array}{l} \text{ಫಸಲಿನ} \\ \text{ಮೂರ್ವಾವಧಿ} \end{array} \right\} - \text{ಮೌಲ್ಯಮಾಪನ ಮಾಡುವಾಗಿನ ಮರದ ವಯಸ್ಸು}$$

$$\text{No. of remaining Years in the Economic bearing Period} = \left\{ \begin{array}{l} \text{Average length of} \\ \text{of economic} \\ \text{bearing period} \end{array} + \begin{array}{l} \text{Length of} \\ \text{prebearing} \\ \text{period} \end{array} \right\} - \text{Age of the tree at the time of evaluation}$$

ಅವನ್ನು ಸುಲಭವಾಗಿ ಕಂಡು ಹಿಡಿಯಲು ಅನುವಾಗುವಂತೆ ಮುಖ್ಯವಾದ ವಿವಿಧ ಜಾತಿಯ ತೋಟಗಾರಿಕೆ ಮರಗಳ ಫಸಲಿನ ಪೂರ್ವಾವಧಿ ಮತ್ತು ಆರ್ಥಿಕವಾಗಿ ಫಲ ಬಿಡುವ ಸರಾಸರಿ ಅವಧಿಯ ವಿವರಗಳನ್ನು ಅನುಬಂಧ-1ರಲ್ಲಿ ಕಾಣಿಸಲಾಗಿದೆ.

b. ಫಸಲು ನೀಡುವ ಅವಧಿಯಲ್ಲಿ ಪ್ರತಿ ಮರಕ್ಕೆ ಬೀಳಬಹುದಾದ ಸರಾಸರಿ ವಾರ್ಷಿಕ ವೆಚ್ಚ (Average annual cost of cultivation to be incurred on one tree during the economic bearing period:-

ತೋಟಗಾರಿಕೆ ನಿರ್ವಹಣೆ ಉತ್ಪಾದನೆ ಹಾಗೂ ಉತ್ಪಾದಕತೆಯ ಮೇಲೆ ವಿಶಿಷ್ಟ ಪ್ರಭಾವವನ್ನು ಹೊಂದಿದೆ. ತೋಟಗಳಲ್ಲಿ ವಾಣಿಜ್ಯ ತಳಿಗಳು ಇದ್ದರೂ ಸಹ ಉತ್ತಮವಾಗಿ ನಿರ್ವಹಣೆ ಮಾಡದಿದ್ದಲ್ಲಿ ಉತ್ತಮ ಫಸಲು ನೀಡದೆ ವಿಫಲವಾಗುತ್ತದೆ. ಉತ್ತಮವಾಗಿ ಫಸಲು ನೀಡುವ ತೋಟ ಎಂದು ಪರಿಗಣಿಸಲು ಅದರಲ್ಲಿನ ಮರಗಳು ಸತ್ಯದಿಂದ ಕೂಡಿರಬೇಕು, ಆರೋಗ್ಯವಾಗಿರಬೇಕು, ರೋಗ/ಕೀಟ ರಹಿತವಾಗಿರಬೇಕು. ಅಲ್ಲದೆ ಶಿಫಾರಸ್ಸಿಗನುಗುಣವಾಗಿ ಗಿಡಗಳ ಮಧ್ಯೆ ಅಂತರ ಇರಬೇಕು. ಇಲ್ಲದಿದ್ದಲ್ಲಿ ಕೊಂಬೆಗಳು ಒಂದಕ್ಕೊಂದು ಜೊತೆಯಾಗಿ ಸೂರ್ಯನ ಕಿರಣಗಳು ಎಲೆಯ ಮೇಲೆ ನೇರವಾಗಿ ಬೀಳುವುದನ್ನು ತಡೆಯುವುದರಿಂದ ಮರದ ಬೆಳವಣಿಗೆ ಕುಂಠಿತಗೊಳ್ಳುವುದಲ್ಲದೆ, ಇಳುವರಿ ಸಹ ಕಡಿಮೆಯಾಗುತ್ತದೆ.

ಆದ್ದರಿಂದ ಮೇಲ್ಕಂಡ ಅಂಶಗಳನ್ವಯ ತೋಟಗಾರಿಕೆ ಮರಗಳನ್ನು (Horticultural trees) ಈ ಕೆಳಕಂಡಂತೆ 4 ವರ್ಗಗಳನ್ನಾಗಿ ವರ್ಗೀಕರಿಸಲಾಗಿದೆ.

ವರ್ಗ 1:- ಈ ವರ್ಗದಡಿ ಬರುವ ಮರಗಳು ಕೃಷಿ ವಲಯಕ್ಕೆ ಅನುಗುಣವಾಗಿ ಬೆಳೆಯಲು ಶಿಫಾರಸ್ಸು ಮಾಡಿದ ಅತ್ಯುತ್ತಮ ಜಾತಿ/ತಳಿಯದ್ದಾಗಿರಬೇಕು ಹಾಗೂ ಫಲವತ್ತಾದ ಮಣ್ಣಿನಲ್ಲಿ ಬೆಳೆದಿರಬೇಕು. ಶಿಫಾರಸ್ಸಿಗನುಗುಣವಾಗಿ ಗಿಡಗಳ ಮಧ್ಯೆ ಅಂತರವಿರಬೇಕು. ಎಲ್ಲಾ ಅಗತ್ಯವಾದ ಬೇಸಾಯ ಮತ್ತು ನಿರ್ವಹಣೆ ಕಾರ್ಯಗಳನ್ನು ಕೈಗೊಂಡಿರಬೇಕು. ಮರಗಳು ಕೀಟ/ರೋಗ ರಹಿತವಾಗಿರಬೇಕು.

ಒಂದೇ ಮಾತಿನಲ್ಲಿ ಹೇಳುವುದಾದರೆ ಈ ವರ್ಗಕ್ಕೆ ಸೇರುವ ಮರಗಳು ಆರೋಗ್ಯವಾಗಿದ್ದು, ಸತ್ಯದಿಂದ ಕೂಡಿರಬೇಕು. ಹಾಗೂ ಹೆಚ್ಚು ಇಳುವರಿ ನೀಡುವಂತಹವಾಗಿದ್ದು, ಒಳ್ಳೆಯ ವಿಸ್ತಾರದಿಂದ ಕೂಡಿರಬೇಕು. (Very good canopy).

ವರ್ಗ 2:- ಈ ವರ್ಗಕ್ಕೆ ಸೇರುವ ಮರವು ಕೃಷಿ ವಲಯಕ್ಕೆ ಅನುಗುಣವಾಗಿ ಬೆಳೆಯಲು ಶಿಫಾರಸ್ಸು ಮಾಡಿದ ತಳಿ ಅಥವಾ ಒಳ್ಳೆಯ ಸ್ಥಳೀಯ ತಳಿಯಾಗಿರಬಹುದು. ಸಾಧಾರಣ ಗುಣಮಟ್ಟದ ಮಣ್ಣಿನಲ್ಲಿ ಮಾಡಿರುವುದಕ್ಕಿಂತ ಸ್ವಲ್ಪಕಡಿಮೆ ಅಂತರದಲ್ಲಿ ಬೆಳೆಸಿದಂತಹ ಗಿಡಗಳು, ಸಾಗುವಳಿ ಮತ್ತು ನಿರ್ವಹಣೆಯನ್ನು ಮಾಡಿರುವಂತಹವು ರೋಗ/ಕೀಟ ರಹಿತವಾಗಿರಬೇಕು.

ಈ ವರ್ಗದ ಮರಗಳು ಸಾಧಾರಣ ಆರೋಗ್ಯ ಹೊಂದಿ, ಸಾಧಾರಣ ಇಳುವರಿ ನೀಡುವಂತಹ ಮರಗಳು.

ವರ್ಗ3:- ಈ ವರ್ಗಕ್ಕೆ ಸೇರುವ ಮರಗಳು ಕೃಷಿ ವಲಯಕ್ಕೆ ಅನುಗುಣವಾಗಿ ಶಿಫಾರಸ್ಸು ಮಾಡಿರಬಹುದು/ಮಾಡಿಲ್ಲದಿರಬಹುದು. ಕಡಿಮೆ ಫಲವತ್ತತೆಯ ಮಣ್ಣಿನಲ್ಲಿ ಶಿಫಾರಿತ ಅಂತರದ ಅರ್ಧಕ್ಕಿಂತ ಕಡಿಮೆ ಅಂತರದಲ್ಲಿ ಬೆಳೆದಿರುವ ಮತ್ತು ಸಾಧಾರಣ ಮಟ್ಟದಲ್ಲಿ ಬೇಸಾಯ ಕ್ರಮಗಳನ್ನು ತೆಗೆದುಕೊಂಡಿರುವುದು ಹಾಗೂ ರೋಗ/ಕೀಟ/ರೋಗ ಚಿಹ್ನೆ ಕಾಣಿಸುವ ಮರಗಳು ಈ ವರ್ಗಕ್ಕೆ ಸೇರಿರುತ್ತದೆ.

ಈ ವರ್ಗದ ಮರಗಳು ಸಾರವಿಲ್ಲದ, ಸತ್ವವಿಲ್ಲದ, ಬೆಳವಣಿಗೆಯಿಂದ ಕೂಡಿದ್ದು, ರಂಬೆಗಳು ಸರಿಯಾಗಿ ಹರಡಿಕೊಂಡಿರುವುದಿಲ್ಲ. ಅಲ್ಲದೇ ಎಲೆಗಳು ರೋಗ/ಕೀಟಗಳ ಹಾವಳಿಯಿಂದ ಆವೃತ್ತವಾಗಿದ್ದು, ಉತ್ಪಾದಕತೆ ತುಂಬಾ ಕಡಿಮೆ ಇರುತ್ತದೆ.

ವರ್ಗ4:- ಈ ವರ್ಗಕ್ಕೆ ಸೇರುವ ಮರಗಳು ಸ್ಥಳೀಯ ಕೃಷಿ ವಲಯಕ್ಕೆ ಶಿಫಾರಸ್ಸು ಮಾಡಿದ, ಕೃಷಿ ವಲಯಕ್ಕೆ ಹೊಂದುವ/ಹೊಂದದೇ ಇರುವ ತಳಿಯಾಗಿದ್ದು, ಸ್ಥಳೀಯ ತಳಿ ಅಥವಾ ಸ್ಥಳೀಯ ಪಾತಾವರಣಕ್ಕೆ ಹೊಂದಿಕೊಳ್ಳದ ತಳಿಯಾಗಿರಬಹುದು. ನಿರ್ವಹಣೆ/ಸಾಗುವಳಿ ಕಾರ್ಯವನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ಕಡೆಗಣಿಸಿದ್ದು, ರೋಗ/ಕೀಟಗಳ ಭಾದೆಯಿಂದ ಕೂಡಿದ್ದು, ಸತ್ವವಿಲ್ಲದ ಮಣ್ಣಿನಲ್ಲಿ ಬೆಳೆದಂತಹ ಮರಗಳಾಗಿರುತ್ತದೆ.

ಅಂದರೆ ಮರಗಳು, ಅನಾರೋಗ್ಯದಿಂದ ಕೂಡಿದ್ದು, ಸಾರವಿಲ್ಲದ ಬೆಳವಣಿಗೆ ಹೊಂದಿರಬೇಕು. ಕಳಪೆ ಫಲವತ್ತತೆಯ ಮಣ್ಣಿನಲ್ಲಿ ಬೆಳೆದಂತಹವಾಗಿರಬೇಕು. ಅಂದರೆ ಮರಗಳನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ಅಲಕ್ಷ್ಯ ಮಾಡಿದಂತಹವಾಗಿರಬೇಕು. ಅಂತಹ ಮರಗಳನ್ನು ಈ ವರ್ಗಕ್ಕೆ ಸೇರಿಸಬೇಕು.

ಈ ಹಿನ್ನೆಲೆಯಲ್ಲಿ, ಮೌಲ್ಯಮಾಪನ ಅಧಿಕಾರಿಯು ಮರಗಳ ಮೌಲ್ಯಮಾಪನ ಮಾಡುವಾಗ, ಮೇಲ್ಕಂಡ ವರ್ಗಗಳನ್ನಯ ತಿಳಿಸಿರುವ ಅಂಶಗಳನ್ನು ಗಮನದಲ್ಲಿಟ್ಟುಕೊಂಡು ಹೆಚ್ಚಿನ ಬುದ್ಧಿಶಕ್ತಿ ಉಪಯೋಗಿಸಿಕೊಂಡು ಖಚಿತವಾದ ವರ್ಗಕ್ಕೆ ಸೇರಿಸಬೇಕಾಗಿರುತ್ತದೆ. ಅದರಂತೆ, ಮೌಲ್ಯಮಾಪನ ಮಾಡುವ ಮರವನ್ನು ಒಂದು ವರ್ಗಕ್ಕೆ ವರ್ಗೀಕರಿಸಿದ ಮೇಲೆ ಅನುಬಂಧ-1ರಲ್ಲಿ ತೋರಿಸಿರುವಂತೆ ಆ ಮರಕ್ಕೆ ತಗಲುವ ಸರಾಸರಿ ವಾರ್ಷಿಕ ವೆಚ್ಚ ನಿಗದಿಪಡಿಸಬೇಕು.

c. ಒಂದು ಮರದಿಂದ ಪಡೆಯುವ ಸರಾಸರಿ ವಾರ್ಷಿಕ ಆದಾಯ (Average annual income likely to be obtained from one tree):-

ಯಾವುದೇ ಒಂದು ಬೆಳೆಯನ್ನು ಮೌಲ್ಯಮಾಪನ ಮಾಡುವಾಗ ಮೇಲ್ಕಂಡಿರುವ ಯಾವುದೇ ಒಂದು ವರ್ಗಕ್ಕೆ ವರ್ಗೀಕರಿಸಿದ ಮೇಲೆ, ಅನುಬಂಧ-1ರಲ್ಲಿ ತೋರಿಸಿರುವಂತೆ, ಆ ವರ್ಗಕ್ಕೆ ನೀಡಿರುವ ವಾರ್ಷಿಕ ಸರಾಸರಿ ವೆಚ್ಚವನ್ನು ನಿರ್ಧರಿಸಿದಂತೆ ಆ ಮರದಿಂದ ಪಡೆಯುವ ಸರಾಸರಿ ವಾರ್ಷಿಕ ಆದಾಯವನ್ನು ಸಹ ನಿಗದಿಪಡಿಸುವುದು. ಮೌಲ್ಯಮಾಪನ ಅಧಿಕಾರಿಯು ಮೇಲ್ಕಂಡ ವರ್ಗಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಒಂದು

ವರ್ಗಕ್ಕೆ ಮರವನ್ನು ವರ್ಗೀಕರಿಸಿ ಅನುಬಂಧದಲ್ಲಿ ತೋರಿಸಿರುವಂತೆ ಆ ಮರಕ್ಕೆ ಮಾಡುವ ಸರಾಸರಿ ವಾರ್ಷಿಕ ವೆಚ್ಚ ನಿರ್ಧರಿಸಿದಂತೆ ಆ ಮರದಿಂದ ಸಿಗುವ ಸರಾಸರಿ ವಾರ್ಷಿಕ ಆದಾಯವನ್ನು ಸಹ ಅದೇ ವರ್ಗದಲ್ಲಿ ಉಲ್ಲೇಖಿಸಬೇಕು. ಯಾವುದೇ ಕಾರಣಕ್ಕೂ ಸರಾಸರಿ ವಾರ್ಷಿಕ ವೆಚ್ಚವನ್ನು ಒಂದು ವರ್ಗಕ್ಕೆ ಉಲ್ಲೇಖಿಸಿ ಆ ಮರದಿಂದ ಪಡೆಯುವ ಸರಾಸರಿ ವಾರ್ಷಿಕ ಆದಾಯವನ್ನು ಇನ್ನೊಂದು ವರ್ಗಕ್ಕೆ ಉಲ್ಲೇಖಿಸಬಾರದು. ಉದಾ:ಒಂದು ಮರವನ್ನು ವರ್ಗ 2ಕ್ಕೆ ವರ್ಗೀಕರಿಸಿದ ಮೇಲೆ ಆ ಮರಕ್ಕೆ ಮಾಡುವ ಸರಾಸರಿ ವಾರ್ಷಿಕ ವೆಚ್ಚವನ್ನು ಅನುಬಂಧ-1ರಲ್ಲಿನ ವರ್ಗ 2ನ್ನು ಉಲ್ಲೇಖಿಸಬೇಕು. ಅದರಂತೆ ಆ ಮರದಿಂದ ಪಡೆಯುವ ಸರಾಸರಿ ವಾರ್ಷಿಕ ಆದಾಯವನ್ನು ಸಹ ವರ್ಗ-2ರಲ್ಲೇ ಉಲ್ಲೇಖಿಸಬೇಕು.

d. ಡಿಸ್ಕಾಂಟ್ ಫ್ಯಾಕ್ಟರ್ (Discount factor):-

ಈ ಮೌಲ್ಯ ಮಾಪನ ಕಾರ್ಯದ ವಿಶೇಷತೆಯೆಂದರೆ, ಡಿಸ್ಕಾಂಟ್ ಫ್ಯಾಕ್ಟರ್ ಬಳಕೆ, ಭೂ ಸ್ವಾಧೀನದ ಸಮಯದಲ್ಲಿ ಪರಿಹಾರ ಮೊತ್ತವನ್ನು ನಿರ್ಧರಿಸುವುದೆಂದರೆ, ಸದರಿ ಮರವನ್ನು ಕಡಿಯದೇ ಉಳಿಸಿಕೊಂಡಲ್ಲಿ ಉಳಿಕೆ ಲಾಭದಾಯಕವಾಗಿ ಫಲ ಬಿಡುವ ಅವಧಿಯಲ್ಲಿ ಆ ಮರದಿಂದ ಬರಬಹುದಾದ ಆದಾಯವನ್ನು ನಿರ್ಧರಿಸುವುದಾಗಿರುತ್ತದೆ. ಮುಂದೆ ಅಥವಾ ಭವಿಷ್ಯತ್ತಿನಲ್ಲಿ ಬರಬಹುದಾದ ಆದಾಯವನ್ನು ಈಗಲೇ ಪಾವತಿಸುವುದಾದಲ್ಲಿ ಭವಿಷ್ಯದ ಮೊತ್ತವನ್ನು ಈಗಿನ ಮೌಲ್ಯಕ್ಕೆ ಪರಿವರ್ತಿಸಬೇಕಾಗುತ್ತದೆ. ಇದನ್ನು ಡಿಸ್ಕಾಂಟ್ ಫ್ಯಾಕ್ಟರ್ (ಶೇ.12) ಉಪಯೋಗಿಸಿ ನಿರ್ಧರಿಸಬಹುದಾಗಿರುತ್ತದೆ. ಇದನ್ನು ಸುಲಭವನ್ನಾಗಿಸಲು ಸ್ಟಾಂಡರ್ಡ್ ಡಿಸ್ಕಾಂಟ್ ಫ್ಯಾಕ್ಟರ್ ಅನ್ನು ವಿವಿಧ ಉಳಿಕೆ ವರ್ಷಗಳ ಗುಂಪುಗಳಿಗೆ ಈ ಕೆಳಗೆ ಕಾಣಿಸಿದ ಪಟ್ಟಿಯಲ್ಲಿ ನೀಡಲಾಗಿದೆ.

ಆರ್ಥಿಕವಾಗಿ ಫಲ ಬಿಡುವ ಅವಧಿಯಲ್ಲಿ ಉಳಿದ ವರ್ಷಗಳು	ಡಿಸ್ಕಾಂಟ್ ಫ್ಯಾಕ್ಟರ್
1-5	1.5
6-10	2.0
11-15	2.5
16-20	3.0
21-25	3.5
26-30	4.0
31-35	4.5
36-40	5.0
41-45	5.5
46-50	6.0
51-55	6.5
56-60	7.0
61-65	7.5

66-70	8.0
71-75	8.5
76-80	9.0
81-85	9.5
86-90	10.0

ಭವಿಷ್ಯತ್ತಿನ ಕಾಲ್ಪನಿಕ ಬೆಲೆಯನ್ನು ಪ್ರಸ್ತುತ ಬೆಲೆಯನ್ನಾಗಿ ಪರಿವರ್ತಿಸುವಾಗ ಈ ಕೆಳಕಂಡ ಸೂತ್ರದ ಅನುಸಾರ ಕಂಡುಹಿಡಿಯಬೇಕು.

$$\frac{\text{ಆರ್ಥಿಕವಾಗಿ ಲಾಭಕಾರಿಯವಾಗಿ ಘನಲು ನೀಡುವ ಉಳಿದ ಅವಧಿಯಲ್ಲಿ ಸಿಗಬಹುದಾದ ಮೊತ್ತದ ಪ್ರಸ್ತುತ ಮೌಲ್ಯ(ಪ್ರಸ್ತುತ ಬೆಲೆ)}}{\text{ಆರ್ಥಿಕವಾಗಿ ಲಾಭದಾಯಕವಾಗಿ ವಾಗಿರತಕ್ಕಂತಹ ಉಳಿದ ಅವಧಿ}} = \left\{ \begin{array}{l} \text{ಸರಾಸರಿ ವಾರ್ಷಿಕ ಸರಾಸರಿ} \\ \text{ಆದಾಯ} - \text{ವಾರ್ಷಿಕ} \\ \text{ವೆಚ್ಚ} \end{array} \right\}$$

ಡಿಸ್ಕೌಂಟ್ ಫ್ಯಾಕ್ಟರ್

$$\frac{\text{Present value of the Amount projected for The remaining number Of years in the economic Bearing period(PV)}}{\text{Remaining number of years in the economic bearing period}} = \left\{ \begin{array}{l} \text{Average Annual} \\ \text{income} - \text{Average} \\ \text{annual Expenditure} \end{array} \right\}$$

Discount factor

ಆರ್ಥಿಕವಾಗಿ ಲಾಭದಾಯಕವಾಗಿರತಕ್ಕಂತಹ ಉಳಿದ ಅವಧಿಯಲ್ಲಿ ನೀಡಬೇಕಾದ ನಿಖರವಾದ ಪರಿಹಾರ (Actual compensation for the remaining number of years in the economic bearing period):-

ಪ್ರತಿ ನಾಲ್ಕು ವರ್ಷಗಳಿಗೊಮ್ಮೆ ಪ್ರಕೃತಿ ವಿಕೋಪದಿಂದ ಬೆಳೆಹಾನಿ ಸಂಭವಿಸಬಹುದಾಗಿದ್ದು, ಈ ಅಂಶವನ್ನು ಸಹ ತರ್ಕಬದ್ಧವಾಗಿ ನರೀಕ್ಷಿಸಬೇಕಾಗಿರುತ್ತದೆ. ಆದುದರಿಂದ ಪ್ರಕೃತಿ ವಿಕೋಪದಿಂದ ಸರಾಸರಿ ಪ್ರತಿ ವರ್ಷ ಶೇ.25ಭಾಗ ಬೆಳೆಹಾನಿ ಸಂಭವಿಸಬಹುದಾಗಿದೆ ಎಂದು ಪರಿಗಣಿಸಲಾಗಿರುತ್ತದೆ. ಆದ್ದರಿಂದ ಒಟ್ಟಾರೆ ಪ್ರಸ್ತುತ ಮೊತ್ತದಲ್ಲಿ ಶೇ.25ಭಾಗವನ್ನು ಕಳೆಯಬೇಕಾಗಿರುತ್ತದೆ. ಅದರಂತೆ, ಈ ಕೆಳಕಂಡ ಸೂತ್ರದಿಂದ ಬೆಳೆಗಾರನಿಗೆ ನೀಡಬಹುದಾದ ನಿಖರವಾದ ಪರಿಹಾರವನ್ನು ಕಂಡು ಹಿಡಿಯಬಹುದು.

$$\begin{array}{l} \text{ಆರ್ಥಿಕವಾಗಿ ಲಾಭದಾಯಕವಾಗಿರತಕ್ಕಂತಹ} \\ \text{ಉಳಿದ ಅವಧಿಯಲ್ಲಿ ನೀಡಬೇಕಾದ} \\ \text{ನಿಖರವಾದ ಪರಿಹಾರ} \end{array} = \text{ಪ್ರಸ್ತುತ ಬೆಲೆ} - \left\{ \frac{\text{ಪ್ರಸ್ತುತ ಬೆಲೆ}}{4} \right\}$$

$$\begin{array}{l} \text{Actual amount of compensation for the} \\ \text{Remaining number of years in the economic} \\ \text{Bearing period} \end{array} = PV - \left\{ \frac{PV}{4} \right\}$$

(ಟಿಪ್ಪಣಿ:- ಮೌಲ್ಯಮಾಪನ ಮಾಡುವ ಮರವು ಮಾರುಕಟ್ಟೆ ಸ್ಥಳದಿಂದ ಹತ್ತಿರದಲ್ಲಿದ್ದರೆ, (ಅಂದರೆ 10ಕಿ.ಮೀ ಆಸುಪಾಸಿನಲ್ಲಿ) ನಿಗದಿಪಡಿಸಿದ ಪರಿಹಾರದ ಒಟ್ಟು ಮೊತ್ತಕ್ಕೆ ಗರಿಷ್ಠ ಶೇ.5 (Maximum of 5%) ರಷ್ಟು ಹೆಚ್ಚಿನ ಮೊತ್ತವನ್ನು ನೀಡಬಹುದು. ಇದು ಸಂಪೂರ್ಣವಾಗಿ ಮೌಲ್ಯಮಾಪನ ಮಾಡುವ ಅಧಿಕಾರಿಯ ವಿವೇಚನೆಗೊಳಪಟ್ಟಿರುತ್ತದೆ. ಆದಾಗ್ಯೂ ಮೌಲ್ಯ ಮಾಪನ ಅಧಿಕಾರಿಯು ಈ ರೀತಿ ನಿಗದಿಪಡಿಸುವ ಹೆಚ್ಚಿನ ಲಾಭಾಂಶ ಮೊತ್ತವು ವರ್ಗ 3 ಮತ್ತು ವರ್ಗ 4ರಡಿ ಬರುವ ಮರಗಳಿಗೆ ಅನ್ವಯಿಸಬಾರದು)

ಫಸಲು ಬಿಡುವ ಹಂತದಲ್ಲಿನ ಮರದ ಅಂತಿಮ ಪರಿಹಾರದ ಮೊತ್ತ (Final Compensation for a tree in bearing stage):-

ಫಸಲು ಬಿಡುವ ಹಂತದಲ್ಲಿನ ಮರಕ್ಕೆ ಅಂತಿಮವಾಗಿ ನೀಡುವ ಮೊತ್ತವನ್ನು ಈ ಕೆಳಕಂಡ ಸೂತ್ರದಿಂದ ಕಂಡು ಹಿಡಿಯಬೇಕು.

$$\begin{array}{l} \text{ಪಸಲು ಬಿಡುವ ಮರದ} \\ \text{ಅಂತಿಮ ಪರಿಹಾರದ ಮೊತ್ತ} \end{array} = \begin{array}{l} \text{ಮರದ ಮೂಲ ಬೆಲೆ} + \text{ಆರ್ಥಿಕವಾಗಿ ಲಾಭದಾಯಕ ಫಸಲು ಬಿಡುವ} \\ \text{ಉಳಿದ ಅವಧಿಯಲ್ಲಿ ನೀಡಬೇಕಾದ} \\ \text{ನಿಖರವಾದ ಪರಿಹಾರ} \end{array}$$

Value of final Compensation = Basic value of + Actual amount of compensation
For a bearing tree tree for the remaining number of
Years in the bearing period

ಸೂಚನೆ:

- 1) ಆರ್ಥಿಕವಾಗಿ ಲಾಭದಾಯಕ ಫಸಲು ಬಿಡುವ ಅವಧಿ ಮೀರಿದಂತಹ ಮರಗಳನ್ನು ಮರಮುಟ್ಟು/ಉರುವಲಿಗಾಗಿ ಮಾತ್ರ ಮೌಲ್ಯಮಾಪನ ಮಾಡಬೇಕಾಗಿದ್ದು, ಇದು ಅರಣ್ಯ ಇಲಾಖೆಗೆ ಸಂಬಂಧಿಸಿರುತ್ತದೆ.
- 2) ಮೌಲ್ಯಮಾಪನ ಮಾಡುವ ಮರದ ಪ್ರಸ್ತುತ ಬೆಲೆಯು ಇತರೆ ರಚನೆಗಳಾದ ಭೂಮಿ, ಬೇಲಿ, ಪೆಂಡಾಲ್, ಬಾವಿ, ಫಾರಂಹೌಸ್ ಇತ್ಯಾದಿಗಳಿಂದ ಸಂಪೂರ್ಣವಾಗಿ ಹೊರತಾಗಿರುತ್ತದೆ. ಈ ರಚನೆಗಳ ಮೌಲ್ಯಮಾಪನವನ್ನು ಕಂದಾಯ ಇಲಾಖೆ/ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆಯವರು ಪ್ರತ್ಯೇಕವಾಗಿ ಮಾಡುತ್ತಾರೆ.
- 3) ಸಾಲುಮರಗಳನ್ನು ಕೇವಲ ಅಲಂಕಾರಕ್ಕಾಗಿ ಉಪಯೋಗಿಸುವುದಾಗಿದ್ದು, ಇವುಗಳಿಗೆ ವಾಣಿಜ್ಯವಾಗಿ ಬೆಲೆ ಇಲ್ಲದ್ದರಿಂದ, ಇವುಗಳನ್ನು ಮರಮುಟ್ಟು/ಉರುವಲಿಗಾಗಿ ಮಾತ್ರ ಮೌಲ್ಯಮಾಪನ ಮಾಡಬೇಕು. ಇದು ಅರಣ್ಯ ಇಲಾಖೆಗೆ ಸಂಬಂಧಿಸಿರುತ್ತದೆ.
- 4) ರಾಜ್ಯವ್ಯಾಪ್ತಿ/ಇತರೆ ಮಧ್ಯಮಗಳ ಮುಖಾಂತರ ಭೂ ಸ್ವಾಧೀನ ಪ್ರಕ್ರಿಯೆಯ ನೋಟೀಸ್ ನೀಡಿದ ನಂತರ ನೆಡುವ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳನ್ನು ಅಭಿವೃದ್ಧಿಪಡಿಸುವ ತೋಟಗಳನ್ನು ಯಾವುದೇ ಕಾರಣಕ್ಕೂ ಮೌಲ್ಯಮಾಪನ ಮಾಡಬಾರದು.
- 5) ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳನ್ನು ಮೌಲ್ಯಮಾಪನ ಮಾಡುವಾಗ ಸಂಬಂಧಿಸಿದ ಭೂ ಸ್ವಾಧೀನಾಧಿಕಾರಿಗಳು ಸ್ಥಳೀಯ ತೋಟಗಾರಿಕೆ ಅಧಿಕಾರಿಗಳ ಜೊತೆಗೂಡಿ ಸರ್ವೆ ನಂಬರ್, ಮೌಲ್ಯಮಾಪನ ಮಾಡಬೇಕಾದ ಮರಗಳ ವಿವರ ಇತ್ಯಾದಿಗಳನ್ನು ಖಚಿತಪಡಿಸಿರಬೇಕು.
- 6) ಸಂಬಂಧಿಸಿದ ತಾಲ್ಲೂಕು ತೋಟಗಾರಿಕೆ ಅಧಿಕಾರಿಯು, ಮೌಲ್ಯಮಾಪನ ಕಾರ್ಯ ಮುಗಿಸಿದ ನಂತರ, ವರದಿಯನ್ನು ಮೇಲುಸಹಿಗಾಗಿ ಸಂಬಂಧಪಟ್ಟ ಜಿಲ್ಲೆಯ ತೋಟಗಾರಿಕೆ ಉಪ ನಿರ್ದೇಶಕರು (ಜಿಲ್ಲಾ ಪಂಚಾಯತ್) ರವರಿಗೆ ತಲುಪಿಸಬೇಕು. ತದನಂತರ ತೋಟಗಾರಿಕೆ ಉಪ ನಿರ್ದೇಶಕರು (ಜಿಲ್ಲಾ ಪಂಚಾಯತ್)ರವರು ವರದಿಯನ್ನು ಪರಿಶೀಲಿಸಿ ಮೇಲುಸಹಿ ಮಾಡಿ ಸಂಬಂಧಪಟ್ಟ ಭೂ ಸ್ವಾಧೀನಾಧಿಕಾರಿಗಳಿಗೆ ಕಳುಹಿಸಿಕೊಡಬೇಕು. ಮೌಲ್ಯಮಾಪನದ ಬಗ್ಗೆ ಯಾವುದೇ ತಕರಾರು ಎದುರಾದಲ್ಲಿ ಸಂಬಂಧಿಸಿದ ವಿಭಾಗದ ತೋಟಗಾರಿಕೆ ಜಂಟಿ ನಿರ್ದೇಶಕರವರು ಮಧ್ಯಸ್ಥರಾಗಿರುತ್ತಾರೆ.
- 7) ಈ ಮಾರ್ಗಸೂಚಿಯು ಸಂಪೂರ್ಣವಾಗಿ ಆಡಳಿತಾತ್ಮಕವಾಗಿದ್ದು, ಸಂಬಂಧಿಸಿದ ಭೂ ಸ್ವಾಧೀನಾಧಿಕಾರಿಯ ಕೋರಿಕೆಯಂತೆ ಅವರಿಗೆ ನೀಡಬಹುದಾದ ವಿವರಗಳಿರುತ್ತವೆ.

ಸಹಿ/-

(ಎಸ್. ರಾಜು)

ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿಗಳು

ತೋಟಗಾರಿಕೆ ಇಲಾಖೆ

ತೋಟಗಾರಿಕೆ ನಿರ್ದೇಶಕರು

ಲಾಲ್‌ಬಾಗ್, ಬೆಂಗಳೂರು

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ಸರ್ಕಾರದ ಆದೇಶ ಸಂ.ಕೃ.ತೋಷ:03:ತೋಷಡಿ:2008 ದಿನಾಂಕ: 14-2-2008ಕ್ಕೆ

ಅನುಬಂಧ-2

ಕರ್ನಾಟಕ ರಾಜ್ಯದಲ್ಲಿ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳಿಗೆ ಮೌಲ್ಯಮಾಪನ ಮಾಡಲು ನಿಬಂಧನೆಗಳು

ಕ್ರ. ಸಂ. Sl. No.	ಬೆಳೆಯ ಹೆಸರು Name of the crop	ಫಸಲು ಬಿಡುವ ಪೂರ್ವಾವಧಿ (ವರ್ಷಗಳಲ್ಲಿ) Length of pre bearing period (years)	ಒಟ್ಟು ಮುಸರ್ ಘಟಿಸಿದ ವೆಚ್ಚ (ಒಂದು ವರ್ಷಕ್ಕೂ) (ರೂ.ಗಳಲ್ಲಿ) Total non-recurring expenditure for on year (Rs.)	ಫಸಲು ಬಿಡುವ ಮೂರ್ವಾವಧಿಯಲ್ಲಿ ಮುಸರ್ ಘಟಿಸುವ ವಾರ್ಷಿಕ ಸರಾಸರಿ ವೆಚ್ಚ (ರೂ.ಗಳಲ್ಲಿ) Average annual recurring expenditure to be incurred during the pre-bearing period (Rs.)	ಮರದ ಮೂಲ ಬೆಲೆ (ರೂ.ಗಳಲ್ಲಿ) Value of one tree (Rs.)	ಆರ್ಥಿಕ ವಾಗಿ ಫಸಲು ಬಿಡುವ ಸರಾಸರಿ ಅವಧಿ (ವರ್ಷಗಳಲ್ಲಿ) Average length of economic bearing period of tree (years)	ಫಸಲು ಬಿಡುವ ಅವಧಿಯಲ್ಲಿ ಪ್ರತಿ ಮರಕ್ಕೆ ಬೀಳಬಹುದಾದ ಸರಾಸರಿ ವಾರ್ಷಿಕ ವೆಚ್ಚ Average annual cost of cultivation likely to be incurred for one tree of the following categories during the economic period (Rs.)				ಫಸಲು ಬಿಡುವ ಅವಧಿಯಲ್ಲಿ ಪ್ರತಿ ಮರದಿಂದ ಪಡೆಯುವ ಸರಾಸರಿ ವಾರ್ಷಿಕ ಆದಾಯ Average annual income likely to be obtained from one tree of the following categories during the economic period (Rs.)			
							ವರ್ಗ-I Class-I	ವರ್ಗ-II Class-II	ವರ್ಗ-III Class-III	ವರ್ಗ-IV Class-IV	ವರ್ಗ-I Class-I	ವರ್ಗ-II Class-II	ವರ್ಗ-III Class-III	ವರ್ಗ-IV Class-IV
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	ಮಾವಿನ ಸಸಿ	9	64.40	36.80	358.80	80	88.00	66.00	44.00	22.00	1250.00	937.50	625.00	312.50
2	ಮಾವಿನ ಕಸಿ	4	193.20	103.50	607.20	70	176.00	132.00	88.00	44.00	2500.00	1875.00	1250.00	625.00
3	ಸಮೋಟೆ ಕಸಿ	4	174.80	112.70	625.60	90	198.00	148.50	99.00	49.50	1625.00	1218.75	812.50	406.25
4	ನೀಲೆ ಸಸಿ	4	52.90	50.60	255.30	25	66.00	49.50	33.00	16.50	287.50	215.63	143.75	71.88
5	ನೀಲೆ ಕಸಿ	3	82.80	46.00	220.80	25	99.00	74.25	49.50	24.75	400.00	300.00	200.00	100.00
6	ಹಲಸು ಸಸಿ	8	138.00	29.90	377.20	60	88.00	66.00	44.00	22.00	1500.00	1125.00	750.00	375.00
7	ಹಲಸು ಕಸಿ	4	184.00	46.00	368.00	60	110.00	82.50	55.00	27.50	1525.00	1218.75	812.50	405.00
8	ದಾಳಿಂಬೆ (ಗೂಟ)	3	50.60	73.60	271.40	20	105.60	79.20	52.80	26.40	325.00	243.75	162.50	81.25
9	ನೀಲಾಫಲ ಕಸಿ	4	46.00	50.60	248.40	20	26.40	19.80	13.20	6.60	175.00	131.25	87.50	43.75
10	ರಾಮಫಲ	6	41.40	20.70	165.60	30	39.60	29.70	19.80	9.90	175.00	131.25	87.50	43.75
11	ಚಿರಿವೋಯ	6	50.60	32.20	243.80	30	66.00	49.50	33.00	16.50	300.00	225.00	150.00	75.00
12	ಅಟಮೋಯ	6	50.60	32.20	243.80	30	50.60	37.95	25.30	12.65	300.00	225.00	150.00	75.00
13	ನೀಲೆ ಸಸಿ	3	50.60	46.00	188.60	17	132.00	99.00	66.00	33.00	325.00	243.75	162.50	81.25
14	ನೀಲೆ ಬೆಚ್ಚೆ	3	64.40	57.50	236.90	17	132.00	99.00	66.00	33.00	325.00	243.75	162.50	81.25

ಕ್ರ. ಸಂ. Sl. No.	ಬೆಳೆ ಹೆಸರು Name of the crop	ಫಸಲು ಬಿಡುವ ಪೂರ್ವಾವಧಿ (ವರ್ಷಗಳಲ್ಲಿ) Length of pre bearing period (Years)	ಒಟ್ಟು ಮುನ್ಸೂಚಿಸಿದ ವೆಚ್ಚ (ಒಂದು ವರ್ಷಕ್ಕೆ) (ರೂ.ಗಳಲ್ಲಿ) Total non-recurring expenditure for on year (Rs.)	ಫಸಲು ಬಿಡುವ ಮೂರ್ವಾವಧಿಯಲ್ಲಿ ಮುನ್ಸೂಚಿಸಿದ ವೆಚ್ಚ (ರೂ.ಗಳಲ್ಲಿ) Average annual recurring expenditure to be incurred during the pre-bearing period (Rs.)	ಮೊದಲ ಮರದ ಮೂಲ ಬೆಲೆ (ರೂ.ಗಳಲ್ಲಿ) Value of one tree (Rs.)	ಆರ್ಥಿಕ ವಾಗಿ ಫಸಲು ಬಿಡುವ ಸರಾಸರಿ ಅವಧಿ (ವರ್ಷಗಳಲ್ಲಿ) Average length of economic bearing period of tree (yers)	ಫಸಲು ಬಿಡುವ ಅವಧಿಯಲ್ಲಿ ಪ್ರತಿ ಮರಕ್ಕೆ ಬೀಳಬಹುದಾದ ಸರಾಸರಿ ವಾರ್ಷಿಕ ವೆಚ್ಚ to be incurred for one tree of the following categories during the economic period (Rs.)				ಫಸಲು ಬಿಡುವ ಅವಧಿಯಲ್ಲಿ ಪ್ರತಿ ಮರದಿಂದ ಪಡೆಯಬಹುದಾದ ಸರಾಸರಿ ವಾರ್ಷಿಕ ಆದಾಯ: Average annual income likely to be obtained from one tree of the following categories during the economic period (Rs.)			
							ವರ್ಗ-I Class-I	ವರ್ಗ-II Class-II	ವರ್ಗ-III Class-III	ವರ್ಗ-IV Class-IV	ವರ್ಗ-I Class-I	ವರ್ಗ-II Class-II	ವರ್ಗ-III Class-III	ವರ್ಗ-IV Class-IV
15	ನೀರಿನಿಂಜೆ	3	64.40	57.50	236.90	17	132.00	99.00	66.00	33.00	300.00	225.00	150.00	75.00
16	ಗಜನಿಂಜೆ	3	69.00	59.80	248.40	17	132.00	99.00	66.00	33.00	312.50	234.38	156.25	78.13
17	ಕೂವಾರು ಕಿತ್ತಳೆ	4	73.60	62.10	322.00	20	140.80	105.60	70.40	35.20	375.00	281.25	187.50	93.75
18	ಕಿತ್ತಳೆ	4	73.60	62.10	322.00	15	140.80	105.60	70.40	35.20	375.00	281.25	187.50	93.75
19	ಹೊರಳೆ	4	64.40	46.00	248.40	20	77.00	57.75	38.50	19.25	300.00	225.00	150.00	75.00
20	ನಿಟ್ಟೂನ್ (ಮಾವಳೆ)	3	64.40	57.50	236.90	15	77.00	57.75	38.50	19.25	475.00	356.25	237.50	118.75
21	ಬೆಳ್ಳೋಕೆ	4	73.60	62.10	322.00	20	132.00	99.00	66.00	33.00	375.00	281.25	187.50	93.75
22	ಅಂಜೂರು (ಮೂಟೆ)	3	69.00	50.60	220.80	15	44.00	33.00	22.00	11.00	130.00	97.50	65.00	32.50
23	ನಲ್ಲಿ ನೆನೆ	5	23.00	16.10	103.50	50	24.20	18.15	12.10	6.05	162.50	121.88	81.25	40.63
24	ನಲ್ಲಿ ಕಾಸು	3	46.00	20.70	108.10	40	30.80	23.10	15.40	7.70	162.50	121.88	81.25	40.63
25	ಮೂಸೆ ನೆನೆ	10	65.00	18.40	253.00	80	66.00	49.50	33.00	16.50	2812.50	2109.38	1406.25	703.13
26	ಪುನಸ ಕಾಸು	4	80.50	36.80	227.70	60	66.00	49.50	33.00	16.50	2812.50	2109.38	1406.25	703.13
27	ಪ್ರಾಣಿ													
	1. ಬೆಳೆ ಬಿಡುವ ಅವಧಿ	1 1/2	110.40	414.00	731.40	15	286.00	214.50	143.00	71.50	650.00	487.50	325.00	162.50
	2. ಬೆಳೆ ಬಿಡುವ ಅವಧಿ													
	3. 5x4 ಅಂತರದಲ್ಲಿ	1 1/2	55.20	73.60	165.60	15	70.40	52.80	35.20	17.60	280.00	213.00	140.00	70.00
	4. 5x5 ಅಂತರದಲ್ಲಿ	1 1/2	57.50	64.40	154.10	15	105.60	79.20	52.80	26.40	390.00	292.50	195.00	97.50
	5. ಬೆಳೆ ಬಿಡುವ ಅವಧಿ	1 1/2												
	ಒಟ್ಟು	1 1/2	57.50	161.50		15	145.20	108.90	72.60	36.30	495.00	363.75	242.50	121.25

ಕ್ರ. ಸಂ. Sl. No.	ಬೆಳೆಯ ಹೆಸರು Name of the crop	ಫಸಲು ಬಿಡುವ ಪೂರ್ವಾವಧಿ (ವರ್ಷಗಳಲ್ಲಿ) Length of pre bearing period (years)	ಒಟ್ಟು ಮಸೂದೆ ಘಟಿಸಿದ ವೆಚ್ಚ (ಒಂದು ವರ್ಷಕ್ಕೆ) (ರೂ.ಗಳಲ್ಲಿ) Total non-recurring expenditure for on year (Rs.)	ಫಸಲು ಬಿಡುವ ಮೂಲಕ ಘಟಿಸುವ ವಾರ್ಷಿಕ ಸರಾಸರಿ ವೆಚ್ಚ (ರೂ.ಗಳಲ್ಲಿ) Average annual recurring expenditure to be incurred during the pre-bearing period (Rs.)	ಮರದ ಮೂಲ ಬೆಲೆ (ರೂ.ಗಳಲ್ಲಿ) Value of one tree (Rs.)	ಆರ್ಥಿಕ ವಾಗಿ ಫಸಲು ಬಿಡುವ ಸರಾಸರಿ ಅವಧಿ (ವರ್ಷಗಳಲ್ಲಿ) Average length of economic bearing period of tree (years)	ಫಸಲು ಬಿಡುವ ಅವಧಿಯಲ್ಲಿ ವ್ಯಕ್ತಿ ಮೂಲಕ ದೀರ್ಘಕಾಲದ ಸರಾಸರಿ ವಾರ್ಷಿಕ ವೆಚ್ಚ to be incurred for one tree of the following categories during the economic period (Rs.)				ಫಸಲು ಬಿಡುವ ಅವಧಿಯಲ್ಲಿ ವ್ಯಕ್ತಿ ಮೂಲಕ ಪಡೆಯುವ ಸರಾಸರಿ ವಾರ್ಷಿಕ ಆದಾಯ Average annual income likely to be obtained from one tree of the following categories during the economic period (Rs.)								
							ವರ್ಗ-I Class-I	ವರ್ಗ-II Class-II	ವರ್ಗ-III Class-III	ವರ್ಗ-IV Class-IV	ವರ್ಗ-I Class-I	ವರ್ಗ-II Class-II	ವರ್ಗ-III Class-III	ವರ್ಗ-IV Class-IV					
4	ಲನಾಬ್-ಇ-ಪಾಕಿ																		
	b.22x11 180 ಬಳ್ಳಿ	1 1/2	69.00	460.00	759.00	15	352.00	264.00	176.00	88.00	812.50	609.38	406.25	203.13					
28	ಬೆಣ್ಣೆ ಹಣ್ಣು	6	142.60	92.00	694.60	50	77.00	57.75	38.50	19.25	360.00	270.00	180.00	90.00					
29	ಬ್ರೂಕ್ ಮೋಡ್	8	121.90	23.00	305.90	50	77.00	57.75	38.50	19.25	360.00	270.00	180.00	90.00					
30	ಬೋರೆ ಹಣ್ಣು (ಕಸಿ)	3	69.00	41.40	193.20	40	74.80	56.10	37.40	18.70	600.00	450.00	300.00	150.00					
31	ಠಾಕು ಬೋರೆ	7	27.60	23.00	188.60	45	17.60	13.20	8.80	4.40	175.00	131.25	87.50	43.75					
32	ಪನ್ನೇರಳೆ	5	69.00	39.10	264.50	40	66.00	49.50	33.00	16.50	450.00	337.50	225.00	112.50					
33	ಮುಲಯನ್ ಆಪಲ್	6	69.00	39.10	303.60	40	66.00	49.50	33.00	16.50	450.00	337.50	225.00	112.50					
34	ಮರಸೇಬು	8	41.40	25.30	243.80	70	48.40	36.30	24.20	12.10	365.00	273.75	182.50	91.25					
35	ನೇರಳೆ ಸಸಿ	8	43.70	29.90	282.90	40	61.60	46.20	30.80	15.40	525.00	393.75	262.50	131.25					
36	ನೇರಳೆ ಕಸಿ	4	101.20	80.50	423.20	40	114.40	85.60	57.20	28.60	525.00	393.75	262.50	131.25					
37	ಐಮೂರ್	10	170.20	41.40	584.20	80	61.60	46.20	30.80	15.40	300.00	225.00	150.00	75.00					
38	ಲೆಬ್ಬೆ	7	115.00	32.20	340.40	50	61.60	46.20	30.80	15.40	600.00	450.00	300.00	150.00					
39	ಠಾಕು	4	20.70	6.90	48.30	20	22.00	16.50	11.00	5.50	60.00	45.00	30.00	15.00					
40	ಲಕಾಡ್	8	62.10	16.10	190.90	30	52.80	39.60	26.40	13.20	175.00	131.25	87.50	43.75					
41	ಕಮರ್ಕ್	5	48.30	20.70	151.80	30	50.60	37.95	25.30	12.65	375.00	281.25	187.50	93.75					
42	ಬೆಣ್ಣೆ	4	41.40	18.40	115.00	20	39.60	29.70	19.80	9.90	120.00	90.00	60.00	30.00					
43	ಕಮರ್ಕ್	4	20.70	13.80	75.90	20	33.00	23.55	15.50	7.75	150.00	112.50	75.00	37.50					
44	ಲಕಾಡ್	3	20.70	15.10	69.00	20	30.80	23.10	15.40	7.70	60.00	45.00	30.00	15.00					

ಕ್ರ. ಸಂ. Sl. No.	ಚಳಾಯ ಹಸರು Name of the crop	ಫಸಲು ಬಿಡುವ ಮೂರ್ತಿಯಲ್ಲಿ (ವರ್ಷಗಳಲ್ಲಿ) Length of pre bearing period (years)	ಒಟ್ಟು ಮೂಲ ಫಲಿಸಿದ ವೆಚ್ಚ (ಒಂದು ವರ್ಷಕ್ಕೆ) (ರೂ.ಗಳಲ್ಲಿ) Total non-recurring expenditure for on year (Rs.)	ಫಸಲು ಬಿಡುವ ಮೂರ್ತಿಯಲ್ಲಿ ಮೂಲ ಫಲಿಸುವ ವಾರ್ಷಿಕ ಸರಾಸರಿ ವೆಚ್ಚ (ರೂ.ಗಳಲ್ಲಿ) Average annual recurring expenditure incurred during the pre-bearing period (Rs.)	ಮೂಲ ಮೂಲ ಬೆಲೆ (ರೂ.ಗಳಲ್ಲಿ) Value of one tree (Rs.)	ಆರ್ಥಿಕ ವಾಗಿ ಫಸಲು ಬಿಡುವ ಸರಾಸರಿ ಅವಧಿ (ವರ್ಷಗಳಲ್ಲಿ) Average length of economic bearing period of tree (years)	ಫಸಲು ಬಿಡುವ ಅವಧಿಯಲ್ಲಿ ಪ್ರತಿ ಮೂರ್ತಿಯಲ್ಲಿ ಬೀಜಬಿಡುವ ಸರಾಸರಿ ವಾರ್ಷಿಕ ವೆಚ್ಚ Average annual cost of cultivation likely to be incurred for one tree of the following categories during the economic period (Rs.)				ಫಸಲು ಬಿಡುವ ಅವಧಿಯಲ್ಲಿ ಪ್ರತಿ ಮೂರ್ತಿಯಿಂದ ಪಡೆಯುವ ಸರಾಸರಿ ವಾರ್ಷಿಕ ಆದಾಯ Average annual income likely to be obtained from one tree of the following categories during the economic period (Rs.)			
							ವರ್ಗ-I Class-I	ವರ್ಗ-II Class-II	ವರ್ಗ-III Class-III	ವರ್ಗ-IV Class-IV	ವರ್ಗ-I Class-I	ವರ್ಗ-II Class-II	ವರ್ಗ-III Class-III	ವರ್ಗ-IV Class-IV
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
45	ಬ್ರಜಿಲಿಯನ್ ಚಿಕ್ಕಿ	4	20.70	18.40	94.30	20	30.80	23.10	15.40	7.70	60.00	45.00	30.00	15.00
46	ಸಿಂಗಪೂರ್ ಚಿಕ್ಕಿ	3	20.70	13.80	62.10	15	22.00	16.50	11.00	5.50	32.50	24.38	16.25	8.13
47	ಅಮೆ	7	46.00	13.80	142.60	50	30.80	23.10	15.40	7.70	180.00	135.00	90.00	45.00
48	ಮುಸು ರಾಮಪುಲ	6	46.00	32.20	239.20	30	50.60	37.95	25.30	12.65	120.00	90.00	60.00	30.00
49	ತಂಗು													
	1. ಗಿಡ್ಡಕಳೆ	4	191.25	89.25	548.25	40	144.00	108.00	72.00	36.00	893.75	670.32	446.88	223.44
	2. ಎತ್ತರತಳೆ	7	198.90	89.25	823.65	60	144.00	108.00	72.00	36.00	1787.50	1340.63	893.75	446.88
	3. ಸಂಕರತಳೆ	4	216.75	89.25	573.75	50	158.40	118.80	79.20	39.60	1787.50	1340.63	893.75	446.88
50	ಜಿಜಿ	5	82.80	64.40	404.80	35	136.40	102.30	68.20	34.10	437.50	328.13	218.75	109.38
51	ಕೋಟೇ	3	73.60	59.80	253.00	25	127.60	97.70	63.80	31.90	437.50	328.13	218.75	109.38
52	ಮೂಲಬಿಡು ನಸು	6	64.40	36.80	285.20	50	66.00	49.50	33.00	16.50	475.00	356.25	237.50	118.75
53	ಗೋಲಾಬಿ ಕಸು	4	103.50	50.60	305.90	50	66.00	49.50	33.00	16.50	475.00	356.25	237.50	118.75
54	ಬಿಜಿ	2	184.00	46.00	276.00	10	61.60	46.20	30.80	15.40	135.00	101.25	67.50	33.75
55	ಕರಿಮೂಲನು													
	1. ಸುಲಭತಳೆ	3	36.80	41.40	161.00	20	99.00	74.25	49.50	24.75	385.00	288.75	192.50	99.25
	2. ಸಂಕರತಳೆ	3	46.00	48.30	190.60	20	99.00	74.25	49.50	24.75	550.00	412.50	275.00	137.50
56	ಬಿಜಿ													
	1. ಸುಲಭತಳೆ/ಜಿಜಿ	2	9.20	6.90	23.00	8	4.40	3.30	2.20	1.10	10.50	7.50	5.00	2.50
	2. ಸಂಕರತಳೆ/ಜಿಜಿ	1	11.50	12.65	24.15	8	6.60	4.95	3.30	1.65	20.00	15.00	10.00	5.00

ಕ್ರ. ಸಂ. Sl. No.	ಬೆಳೆಯ ಹೆಸರು Name of the crop	ಫಸಲು ಬಿಡುವ ಮೂರ್ತಿಯ ಅವಧಿ (ವರ್ಷಗಳಲ್ಲಿ) Length of pre bearing period (Years)	ಒಟ್ಟು ಮನರ್ ಫಲಿಸುವ ವೆಚ್ಚ (ಒಂದು ವರ್ಷಕ್ಕೆ) (ರೂ.ಗಳಲ್ಲಿ) Total non-recurring expenditure for on year (Rs.)	ಫಸಲು ಬಿಡುವ ಮೂರ್ತಿಯಲ್ಲಿ ಮನರ್ ಫಲಿಸುವ ವೆಚ್ಚ (ರೂ.ಗಳಲ್ಲಿ) Average annual recurring expenditure to be incurred during the pre-bearing period (Rs.)	ಮರದ ಮೂಲ ಬೆಲೆ (ರೂ.ಗಳಲ್ಲಿ) Value of one tree (Rs.)	ಫಸಲು ಬಿಡುವ ವಾಣಿಜ್ಯ ಸರಾಸರಿ ಅವಧಿ (ವರ್ಷಗಳಲ್ಲಿ) Average length of economic bearing period of tree (Years)	ಫಸಲು ಬಿಡುವ ವಾಣಿಜ್ಯ ಸರಾಸರಿ ವಾರ್ಷಿಕ ವೆಚ್ಚ (ರೂ.ಗಳಲ್ಲಿ) Average annual cost of cultivation likely to be incurred for one tree of the following categories during the economic period (Rs.)				ಫಸಲು ಬಿಡುವ ವಾಣಿಜ್ಯ ಸರಾಸರಿ ವಾರ್ಷಿಕ ಆದಾಯ (ರೂ.ಗಳಲ್ಲಿ) Average annual income likely to be obtained from one tree of the following categories during the economic period (Rs.)			
							ವರ್ಗ-I Class-I	ವರ್ಗ-II Class-II	ವರ್ಗ-III Class-III	ವರ್ಗ-IV Class-IV	ವರ್ಗ-I Class-I	ವರ್ಗ-II Class-II	ವರ್ಗ-III Class-III	ವರ್ಗ-IV Class-IV
57	ಬಾದಾಮಿ (ಸ್ಥಳೀಯ)	7	32.20	23.00	193.20	60	26.40	19.80	13.20	6.60	120.00	90.00	60.00	30.00
58	ಕರ್ನಾಟಕ	6	59.80	23.00	197.80	60	35.20	26.40	17.60	8.80	120.00	90.00	60.00	30.00
59	ನುಗ್ಗೆ	2	27.60	20.70	69.00	15	44.00	33.00	22.00	11.00	240.00	180.00	120.00	60.00
60	ಬೆಳೆ	1	41.40	18.40	59.80	50	15.40	11.55	7.70	3.85	90.00	67.50	45.00	22.50
61	ಮಲ್ಲೆಗೆ													
	1. ಗುಂಡು ಮಲ್ಲೆಗೆ, ಶಾಕದ ಮತ್ತು ಇತರ	1	41.40	9.20	50.60	6	26.40	19.80	13.20	6.60	100.00	75.00	50.00	25.00
	ಗಾಂಧಿಪೂರ್ಣ, ಪಾಜಿ ಮತ್ತು ಇತರ	1	20.70	32.20	52.90	15	35.20	26.40	17.60	8.80	175.00	131.25	87.50	43.75
62	ಕೆಲಸಾಂಬರ	1	5.75	3.45	9.20	4	4.40	3.30	2.20	1.10	20.00	15.00	10.00	5.00
63	ತಾಳೆ	4	248.40	193.20	1021.20	30	154.00	115.50	77.00	38.50	1275.00	956.25	637.50	316.75

ಸಹಿ/

(ಎನ್. ರಾಜು)

ಸರ್ಕಾರದ ಆರೋಗ್ಯ ಕಾರ್ಯದರ್ಶಿ

ಕರ್ನಾಟಕ ರಾಜ್ಯ

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಸರ್ಕಾರ

ಆರೋಗ್ಯ, ಬೆಂಗಳೂರು

ಕರ್ನಾಟಕ ಸರ್ಕಾರ
ತೋಟಗಾರಿಕೆ ಇಲಾಖೆ

ಸಂ. ತೋಇ:ತೋಅನಿ(ಕ್ಸ/ಸ):ಸತೋಅ1:41:2007-2008

ತೋಟಗಾರಿಕೆ ನಿರ್ದೇಶನಾಲಯ,
ಲಾಲ್‌ಬಾಗ್, ಬೆಂಗಳೂರು-04,

ದಿನಾಂಕ: 28/5/08

ಲಗತ್ತ-1

ಸೂಚನೆ

ಮಹತ್ವದ್ದು

ವಿಷಯ: ಭೂ ಸ್ವಾಧೀನ ಮಾಡಿಕೊಳ್ಳುವ ಜಮೀನಿನಲ್ಲಿ ಬೆಳೆದಿರುವ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳ
ಮೌಲ್ಯಮಾಪನವನ್ನು ಪರಿಷ್ಕರಿಸಿದ ಮಾರ್ಗಸೂಚಿಯನ್ನು ಕಳುಹಿಸುತ್ತಿರುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: 1. ಈ ಕಛೇರಿಯ ಇದೇ ಸಮ ಸಂಖ್ಯೆಯ ಪತ್ರ ದಿನಾಂಕ: 25-2-2008.

2. ಸರ್ಕಾರದ ಆದೇಶದ ಸಂ.ಕೃತೋಇ:03:ತೋಇವಿ:2008 ದಿನಾಂಕ: 23-5-2008.

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಉಲ್ಲೇಖಿತ ಪತ್ರದಲ್ಲಿ ಭೂ ಸ್ವಾಧೀನ ಮಾಡಿಕೊಳ್ಳುವ ಜಮೀನಿನಲ್ಲಿ
ಬೆಳೆದಿರುವ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳ ಮೌಲ್ಯಮಾಪನವನ್ನು ಪರಿಷ್ಕರಿಸಿದ ಮಾರ್ಗಸೂಚಿಯಲ್ಲಿ ಕೈಬಿಡಲಾಗಿದ್ದ ಬೆಳೆಗಳಾದ
ವೆನಿಲ್ಲಾ, ಕಾಪಿ, ದಾಲ್ಚಿನ್ನಿ, ಜಾಯಿಕಾಯಿ, ಸರ್ಪಸಾಂಬಾರು, ಲವಂಗಸಸಿ, ಲವಂಗಸಸಿ, ಕರಿಬೇವು, ಸಂಪಿಗೆ ಮತ್ತು ಗುಲಾಬಿ
ಬೆಳೆಗಳ ಮೌಲ್ಯ ಮಾಪನದ ಪರಿಷ್ಕೃತ ದರಗಳಿಗೆ ಸರ್ಕಾರದಿಂದ ತಿದ್ದುಪಡಿ ಆದೇಶ ಉರದ ನಂತರ ಕಳುಹಿಸಿ
ಕೊಡಲಾಗುವುದೆಂದು ತಿಳಿಸಲಾಗಿತ್ತು. ಆದರೆ ಸರ್ಕಾರದ ಉಲ್ಲೇಖ-2ರಲ್ಲಿ ಮೇಲ್ಕಂಡ ಬೆಳೆಗಳ ಮೌಲ್ಯ ಮಾಪನದ
ಪರಿಷ್ಕೃತ ದರವನ್ನು ಸರ್ಕಾರವು ಈಗಾಗಲೇ ಹೊರಡಿಸಿರುವ ಸರ್ಕಾರಿ ಆದೇಶದ ಸಮ ಸಂಖ್ಯೆ ದಿನಾಂಕ: 14-2-2008
ರನ್ವಯವೇ ಅಗತ್ಯ ಕ್ರಮ ಕೈಗೊಳ್ಳುವಂತೆ ಸೂಚಿಸಿರುವ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಸದರಿ ಆದೇಶದ ಪರಿಷ್ಕೃತ ದರದ
ಮಾರ್ಗಸೂಚಿಯನ್ನು ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿ ಕಳುಹಿಸಿ ಕೊಡುತ್ತಾ, ಇನ್ನು ಮುಂದೆ ಪರಿಷ್ಕೃತ ದರದ ಪ್ರಕಾರ ಮೌಲ್ಯ
ಮಾಪನ ಮಾಡಲು ಸೂಚಿಸಿದೆ. ನಿಮ್ಮ ಅಧೀನದಲ್ಲಿ ಬರುವ ಎಲ್ಲಾ ಬಟ್ಟವಾಡ ಅಧಿಕಾರಿಗಳಿಗೆ ಪರಿಷ್ಕೃತ ಮಾರ್ಗಸೂಚಿಯ
ನಕಲು ಪ್ರತಿಗಳನ್ನು ಕಳುಹಿಸಿ ಕೊಡಲು ಸಹ ಸೂಚಿಸಲಾಗಿದೆ.

Kuhuru

ತೋಟಗಾರಿಕೆ ನಿರ್ದೇಶಕರು.

28/5/08

ವಿ.ಸೂ: ಸರ್ಕಾರದ ಆದೇಶದಲ್ಲಿನ ಅನುಬಂಧ-1 ರಲ್ಲಿ ಮೌಲ್ಯ ಮಾಪನಕ್ಕೆ ತೆಗೆದುಕೊಂಡಿರುವ ಗಿಡದ ವಯಸ್ಸು ವರ್ಗ-I
ರಡಿ ಬರುವ ಮರಗಳದ್ದಾಗಿದ್ದು, ಒಂದು ವಯಸ್ಸನ್ನು ಮಾತ್ರ ಲೆಕ್ಕಾಚಾರ ಪಾಕಲು ಗಣನೆಗೆ ತೆಗೆದುಕೊಳ್ಳಲಾಗಿದೆ.
ಈ ಮೌಲ್ಯವು ಇತರೆ ವಯಸ್ಸಿನ ಗಿಡಗಳಿಗೆ ಅನ್ವಯವಾಗುವುದಿಲ್ಲ. ವರ್ಗ-I ಮತ್ತು ಇತರೆ ವರ್ಗಗಳಡಿ ಬರುವ
ಮರಗಳಿಗೆ ವಯಸ್ಸಿಗನುಗುಣವಾಗಿ ಮೌಲ್ಯ ಮಾಪನ ಮಾಡುವುದು.

ಗೆ,

ಎಲ್ಲಾ ಜಿಲ್ಲೆಗಳ ತೋಟಗಾರಿಕೆ ಉಪ ನಿರ್ದೇಶಕರು (ಜಿಲ್ಲಾ ಪಂಚಾಯತ್) ರವರಿಗೆ

ಪ್ರತಿಯನ್ನು:-

1. ತೋಟಗಾರಿಕೆ ಅಪರ ನಿರ್ದೇಶಕರು: ತಾಳೆಬೆಳೆ, ಹಣ್ಣುಗಳು, ಕ್ಷೇತ್ರ ಮತ್ತು ನರ್ಸರಿ ವಿಭಾಗ
2. ಎಲ್ಲಾ ಕೇಂದ್ರ ಸ್ಥಾನಿಕ ತೋಟಗಾರಿಕೆ ಜಂಟಿ ನಿರ್ದೇಶಕರು ರವರಿಗೆ

ಅನುಬಂಧ-1

ಕರ್ನಾಟಕ ರಾಜ್ಯದಲ್ಲಿ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳಿಗೆ ಮೌಲ್ಯಮಾಪನ ಮಾಡಲು 2003 ರಿಂದ 2008ನೇ ಸಾಲಿಗೆ

ಕ್ರ. ಸಂ.	ಬೆಳೆಯ ಹೆಸರು	ಮೌಲ್ಯ ಮಾಪನಕ್ಕೆ ತೆಗೆದುಕೊಂಡಿರುವ ಗಿಡದ ವಯಸ್ಸು (ವರ್ಷ)	2008ನೇ ಸಾಲಿನ ಅಂತಿಮ ಮೌಲ್ಯ (ಪ್ರತಿ ಮರಕ್ಕೆ)	2003ನೇ ಸಾಲಿನಲ್ಲಿದ್ದ ಅಂತಿಮ ಮೌಲ್ಯ (ಪ್ರತಿ ಮರಕ್ಕೆ)	ಶೇಕಡಾವಾರು ಹೆಚ್ಚಳ
1	ವೆನಿಲ್ಲಾ (500ಗಿಡ/ಎ)	6	9341.70	3729.00	151
2	ಕಾಪಿ				
	1. ಅರೇಬಿಕ ಕಾಪಿ 792 ಗಿಡ	10	343.13	139.33	146
	2. ರೋಬಸ್ಟಾ ಕಾಪಿ 392 ಗಿಡ	10	345.43	140.33	146
3	ದಾಲ್ಚಿನ್ನಿ	20	2694.45	1052.00	156
4	ಜಾಯಿಕಾಯಿ	20	9649.60	3836.00	152
5	ಸರ್ವ ಸಾಂಬಾರು	25	9825.26	3905.46	152
6	ಲವಂಗ ಸಸಿ	25	10427.35	4151.73	151
7	ಲವಂಗ ಕಸಿ	25	10522.00	4184.00	151
8	ಕರಿಬೇವು	6	1269.50	497.00	155
9	ಗುಲಾಬಿ	2	319.70	129.00	148
10	ಸಂಪಿಗೆ	10	5116.67	2034.45	152

1. ಪ್ರತಿ ವರ್ಷವೂ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳ ಅಭಿವೃದ್ಧಿ, ನಿರ್ವಹಣೆ ಮತ್ತು ಹಾಗೂ ಆದಾಯ ಗಣನೀಯವಾಗಿ ಹೆಚ್ಚಾಗುತ್ತಿರುವ ಹಿನ್ನೆಲೆಯಲ್ಲಿ, ಭೂ ಸ್ವಾಧೀನ ಪ್ರಕ್ರಿಯೆಗೆ ಒಳಗಾಗುವ ರೈತರ ಜಮೀನಿನಲ್ಲಿನ ಬೆಳೆಗಳಿಗೆ ಹೆಚ್ಚಿನ ಬೆಲೆ ನಿಗದಿ ಪಡಿಸುವ ಸಲುವಾಗಿ 2003ನೇ ಸಾಲಿನಲ್ಲಿದ್ದ ಬೆಲೆಯನ್ನು ಆ ಬೆಲೆಯ ಅರ್ಥಿಕ ಇಳುವರಿಯ ವಯಸ್ಸಿಗನುಗುಣವಾಗಿ ಮೇಲಿನಂತೆ ಶೇಕಡಾವಾರು ಹೆಚ್ಚಿಸಲಾಗಿದೆ.
2. ಸದರಿ ಮೌಲ್ಯವು ಆ ತೋಟಗಾರಿಕೆ ಬೆಳೆಯನ್ನು ಮೌಲ್ಯ ಮಾಪನ ಮಾಡುವ ಸಂದರ್ಭದಲ್ಲಿನ ವಯಸ್ಸಿಗನುಗುಣವಾಗಿ ಹೆಚ್ಚು ಅಥವಾ ಕಡಿಮೆಯಾಗುವ ಸಂಭವವಿರುತ್ತದೆ.

ಸಹಿ/-

(ಎಸ್. ರಾಜು)

ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ

ತೋಟಗಾರಿಕೆ ಇಲಾಖೆ



ತೋಟಗಾರಿಕೆ ನಿರ್ದೇಶಕರು

ಲಾಲ್‌ಬಾಗ್, ಬೆಂಗಳೂರು

ಕರ್ನಾಟಕ ರಾಜ್ಯದಲ್ಲಿ ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳಿಗೆ ಮೌಲ್ಯಮಾಪನ ಮೊದಲು ನಿಬಂಧನೆಗಳು

ಕ್ರ. ಸಂ. Sl. No.	ಬೆಳೆಯ ಹೆಸರು Name of the crop	ಫಸಲು ಬರುವ ಪೂರ್ವಾವಧಿ (ವರ್ಷಗಳಲ್ಲಿ) Length of pre bearing period (years)	ಒಟ್ಟು ಪುನರಾವೇಶಿ ಸಮಗ್ರ ವೆಚ್ಚ (ಒಂದು ವರ್ಷಕ್ಕೆ) (ರೂ.ಗಳಲ್ಲಿ) Total non-recurring expenditure for on year (Rs.)	ಫಸಲು ಬರುವ ಪೂರ್ವಾವಧಿಯಲ್ಲಿ ಪುನರಾವೇಶಿ ಸಮಗ್ರ ವೆಚ್ಚ (ರೂ.ಗಳಲ್ಲಿ) Average annual recurring expenditure to be incurred during the pre-bearing period (Rs.)	ಮರದ ಮೂಲ ಬೆಲೆ (ರೂ.ಗಳಲ್ಲಿ) Value of one tree (Rs.)	ಆರ್ಥಿಕ ದಾಖಲೆ ಮಾಡುವ ಸರಾಸರಿ ಅವಧಿ (ವರ್ಷಗಳಲ್ಲಿ) Average length of economic bearing period of tree (years)	ಫಸಲು ಬರುವ ಅವಧಿಯಲ್ಲಿ ಪ್ರತಿ ಮರಕ್ಕೆ ದೇವತೆಯಿಂದ ಸರಾಸರಿ ವಾರ್ಷಿಕ ವೆಚ್ಚ Average annual cost of cultivation likely to be incurred for one tree of the following categories during the economic period (Rs.)				ಫಸಲು ಬರುವ ಅವಧಿಯಲ್ಲಿ ಪ್ರತಿ ಮರದಿಂದ ಪಡೆಯುವ ಸರಾಸರಿ ವಾರ್ಷಿಕ ಆದಾಯ Average annual income likely to be obtained from one tree of the following categories during the economic period (Rs.)			
							ವರ್ಗ-I Class-I	ವರ್ಗ-II Class-II	ವರ್ಗ-III Class-III	ವರ್ಗ-IV Class-IV	ವರ್ಗ-I Class-I	ವರ್ಗ-II Class-II	ವರ್ಗ-III Class-III	ವರ್ಗ-IV Class-IV
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	ವನಿಲ್ಕಾ (500ಗಡ/ಎ)	4	39.10	64.40	296.70	12	88.00	66.00	44.00	22.00	2500.00	1875.00	1250.00	625.00
2	ಕಾಳಿ													
	1. ಅರೇಬಿಕ್ ಕಾಫಿ 792 ಗಡ	4	36.80	64.40	294.40	40	26.40	19.80	13.20	6.60	0.00	26.25	17.50	8.75
	2. ರೋಬಸ್ಟಾ ಕಾಫಿ 392 ಗಡ	4	39.10	64.40	296.70	40	26.40	19.80	13.20	6.60	35.00	26.25	17.50	8.75
3	ದಾಲ್ಚಿನ್ನಿ	6	92.00	52.90	409.40	60	127.60	95.70	63.80	31.90	525.00	393.75	262.50	131.25
4	ಜಾಯಕಾಯಿ	8	92.00	52.90	515.20	60	127.60	95.70	63.80	31.90	1650.00	1237.50	825.00	412.50
5	ನರ್ಪ ಸಾಂಬಾರು	8	92.00	52.90	515.20	70	127.60	95.70	63.80	31.90	1650.00	1237.50	825.00	412.50
6	ಲವಂಗ ಸಸಿ	8	105.80	64.40	621.00	60	127.60	95.70	63.80	31.90	1800.00	1350.00	900.00	450.00
7	ಲವಂಗ ಕಸ	5	119.60	73.60	487.60	60	127.60	95.70	63.80	31.90	1800.00	1350.00	900.00	450.00
8	ಕರಿಪೇಪ್ಪು	2	34.50	20.70	75.90	20	61.60	46.20	30.80	15.40	360.00	270.00	180.00	90.00
9	ಗುಲಾಬ	1	103.50	32.20	135.70	6	26.40	19.80	13.20	6.60	100.00	75.00	50.00	25.00
10	ಸಂಪಿಗೆ	3	78.20	32.20	174.80	50	57.20	42.90	28.60	14.30	900.00	675.00	450.00	225.00

ಸಹಿ/-
(ಎಸ್. ರಾಜು)
ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ
ತೋಟಗಾರಿಕೆ ಇಲಾಖೆ

[Signature]
ತೋಟಗಾರಿಕೆ ನಿರ್ದೇಶಕರು
ಲಾಲ್‌ಬಾಗ್, ಬೆಂಗಳೂರು

Remaining number of years in the economic bearing period	Discount Factor
1-5	1.5
6-10	2.0
11-15	2.5
16-20	3.0
21-25	3.5
26-30	4.0
31-35	4.5
36-40	5.0
41-45	5.5
46-50	6.0
51-55	6.5
56-60	7.0
61-65	7.5
66-70	8.0
71-75	8.5
76-80	9.0
81-85	9.5
86-90	10.0

By 10.04.03
 Dy General Manager (Tech)
 K.P.T.C.L.

E47

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Phone : 91-080-22274744
 Fax : 91-080-22212456
 Grams : "KAPTRANS"
 Telex : 0845-2435 KEB IN
 E-mail : cee_tp@kptcl.com



Office of the
 Chief Engineer, Electricity,
 Tendering & Procurement, KPTCL
 Kaveri Bhavan, 'A' Block, P.B. No. 9990,
 BANGALORE - 560 009

No. CEE/T&P/SEE/EE(T)/T-4/5/2009-10/

Date: **- 2 SEP 2009**

3940-58

To,
The Chief Engineer Electricity,
 Transmission Zone, KPTCL,
 Bangalore / Tumkur / Mysore / Hassan / Bagalkot / Gulbarga.

Sir,

- Sub. :** Standard Bidding Documents
Ref. : 1. This Office Letter No. : CEE/T&P/SEE/EE(P1)/AEET-4/2005-06/7662-71 dated 25-10-2005
 2. Corporate Office Note No. FA(A&R)/C(F)/SPA/F-2/2009-10/234 dated 28.07.2009

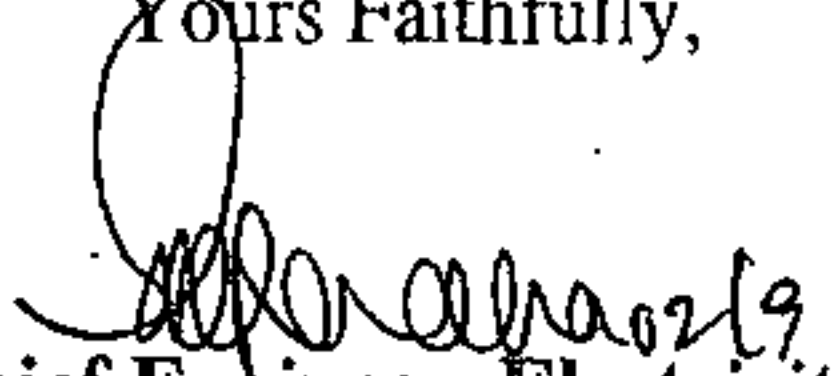
Consequent to the instructions issued vide the Corporate Office Note cited under reference - 2 above, following amendment is issued to the **Contract Performance Guarantee Clause No. 39.0 of Section -ITB, Volume-I (Commercial Requirements)** of Standard Bidding Documents, issued vide this office letter cited under reference - 1 above.

Sl. No	Clause No.	As Existing	As Amended
1.	Clause No. 39.0 Contract Performance Guarantee of Section -ITB	39.1 As a Contract Performance Guarantee, the Successful Bidder, to whom the Work is Awarded, shall be required to furnish a Performance Guarantee from a Public Sector Indian Bank/ Scheduled Commercial Bank in the form attached as Annexure-III to this Volume-I in favour of the Owner. The Guarantee amount shall be equal to Ten percent (10%) of the Contract Price and it shall Guarantee the faithful Performance of the Contract in accordance with the Terms and Conditions specified in these Documents and Specifications. The Guarantee shall be valid up to 90 days after the end of Warranty Period.	39.1 As a Contract Performance Guarantee, the Successful Bidder, to whom the Work is Awarded, shall be required to furnish a Performance Guarantee from a Public Sector Indian Bank/ Scheduled Commercial Bank (in the second schedule of the RBI Act 1934) and the Bank should be covered under the jurisdiction of Indian Laws in the form attached as Annexure-III to this Volume-I in favour of the Owner. The Guarantee amount shall be equal to Ten percent (10%) of the Contract Price and it shall Guarantee the faithful Performance of the Contract in accordance with the Terms and Conditions specified in these Documents and Specifications. The Guarantee shall be valid up to 90 days after the end of Warranty Period.

....2)

All tendering Authorities are requested to incorporate this amendment in all future Partial/Total turnkey Tenders and also in the Tenders which are in pipe line but not yet opened, by issuing necessary amendments.

Yours Faithfully,


Chief Engineer, Electricity,
Tendering & Procurement

Copy to:

1. Financial Advisor (I/A), KPTCL, Kaveri Bhavan, Bangalore.
2. Company Secretary, KPTCL, Corporate Office, Kaveri Bhavan, Bangalore.
3. Chief Engineer, Elecl., (P&C), KPTCL, Kaveri Bhavan, Bangalore.
4. Deputy General Manager (Tech.), KPTCL, Corporate Office, Kaveri Bhavan, Bangalore.
5. All Superintending Engineers, Elecl., KPTCL
6. Controller of Accounts, O/o The CEE, T&P, KPTCL, Kaveri Bhavan, Bangalore.
7. EE (T-1 / T-2 / P), O/o The CEE, T&P, KPTCL, Kaveri Bhavan, Bangalore
8. EA to Managing Director, KPTCL, Kaveri Bhavan, Bangalore with a request to bring to kind notice of Managing Director.
9. EA to Director (Transmission), KPTCL, Kaveri Bhavan, Bangalore with a request to bring to kind notice of Director (Transmission)
10. All AEEs, T&P, KPTCL, Kaveri Bhavan, Bangalore.
11. PS to Director (Finance), KPTCL, Kaveri Bhavan, Bangalore with a request to bring to kind notice of Director (Finance)
12. MF/OC.

KARNATAKA POWER TRANSMISSION CORPORATION LTD.,

No: KPTCL/B8/2344/09-10
Encl:



Corporate Office,
Kaveri Bhavan,
Bangalore - 560 009.

Dated: 7 SEP 2009

Circular

8 SEP 2009

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Sub: Admissibility of Price Variation claims.

Ref: Interoffice note No. KPTCL/CS/B37/98th T&P/2009-10 dt. 07.09.2009 from Company Secretary, KPTCL, Bangalore enclosing the proceedings of the 98th CPC meeting of Tendering and Procurement of KPTCL held on 06.07.2009 adjourned to 07.07.2009, 09.07.2009 and 27.07.2009 in respect of subject No. CEE/T&P/PC 98/07.

Further to Board order No. KEB/B8/2707/86-87 dt. 14.06.1994, I am directed to state that the following revised norms be adopted *with immediate effect* in connection with admissibility of price variation claims.

- (a) Price variation shall be admitted in accordance with the IEEMA formula till the actual date of supply or contracted date of supply (including any agreed extension thereto) whichever is earlier.
- (b) No PV shall be admissible beyond the contracted date of supply. That is Price Variation shall be limited to contracted delivery date.
- (c) Penalty, if any as per DWA to be levied for delayed supplies.

B. Shela 07.09.09
Dy. General Manager (Tech),
KPTCL, Bangalore.

Copy to:

1. All Chief Engineers (Electv..), KPTCL.
2. FA (A&R)/ FA(VA) and FA(RA), KPTCL, Kaveri Bhavan, Bangalore-09.
3. Company Secretary, KPTCL, Kaveri Bhavan, Bangalore-09.
4. All Superintending Engineers (EI), KPTCL.

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5. All Controllers of Accounts of KPTCL.
6. All Executive Engineers (EI), KPTCL.
7. All Dy. Controllers of Accounts of KPTCL.
8. All AOs, I/A, KPTCL.
9. PS to Managing Director /Director (Transmission)/ Director (Finance),
Director (A&HRD), KPTCL, Kaveri Bhavan, Bangalore-09.

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Telephone: 080-22274744
Tele-Fax : 080-22212456
Grams : "KAPTRANS"



Office of the
Chief Engineer, Electricity,
Tendering & Procurement
Kaveri Bhavan, Bangalore-9

No: KPTCL/CEE (T&P)/C(T&P)/KCO-65/2009-10/
Encl:

Date: 29 SEP 2009
4737-843

29 SEP 2009

All the Executive Engineer Ele.,
MWD/TLSS Divisions,
KPTCL.

Sir,

Sub: Issue of C Declaration Form.

Ref: T.O. Ltr No. CEE(T&P)/C(T&P)/KCO65/2008-09/10249-66
dtd 28.01.09.

The representative of some of the suppliers/contractors are frequently approaching this office regarding the issue of C Declaration Forms. In this connection it is to be stated that there is delay in receiving the requisitions from the zones and in turn the divisions are not sending the requisitions to the respective zones on time, which has resulted in delay in issue of C Declaration Form to the Suppliers/Contractors. This office requires at least a fortnight to get the printed Forms from the Commercial Tax Department on receipt of requisitions from the zones. In spite of clear instructions to send the requisition within 35 days from the end of the quarter to enable this office to obtain and send the printed forms on time, the instructions are not being followed in the true spirit and thus giving room for unnecessary correspondences and frequent reminders from suppliers to this office.

In this context, all the Divisional officers are hereby directed to send the requisition letter for issue of C Declaration Form to their respective zones as soon as the materials are received and claims are presented for payments, by the agencies wherein it is required to issue C Declaration Forms as per the purchase orders/work awards, without waiting for the request to be made by the Suppliers/Contractors for issue of C Forms, as it is a statutory obligations to issue C Forms as per the prescribed rules by KPTCL.

Further, there are some discrepancies in the requisitions which are being received by this office, wherein the C Forms could not be obtained. Some of
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the observations pointed out are appended below to take care, while sending the requisitions to the zones and in turn to this office -

1. The TIN No. and address of the supplier shall belong to the same State. The first two digits of the TIN Numbers of some of the States are furnished below for reference -

Sl. No.	Name of the State	TIN Numbers starting two digits
1.	Madhya Pradesh	23
2.	Gujarath	24
3.	Maharashtra	27
4.	Andhra Pradesh	28
5.	Karnataka	29
6.	Tamilnadu	33

2. The correct/CST No. as in the invoice shall be furnished.
3. In case the address pertains to Karnataka the TIN No. only shall be furnished and not the CST number.
4. A single date, single invoice number with a single amount shall be furnished. In case there are more than one material in a single invoice the total of the invoice to be furnished and the material description to be shown separately in the appropriate column.
5. The invoice date shall always be later than the purchase order/DWA date, otherwise the system will not accept. This office will not be in a position to guess which date would be correct whether the invoice date or the P.O. date.
6. The invoice details such as date, number and amount shall always be centpercent correct as the details once fed cannot be altered/edited again.
7. All the columns in the format to be filled without leaving any column blank. The proper address shall be furnished in the appropriate column.
8. In the column pertaining to the name of the Sate, the State to which the address belongs to shall be furnished and not the State from where the materials are procured by the supplier.
9. The quarter-wise total shall be furnished by each firm and for each quarter separately.
10. Clubbing of invoice details pertaining to different quarter shall be avoided.

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The requisition shall be properly scrutinized before forwarding to the zones and to this office to avoid unnecessary correspondence and enquiries in this regard. The instructions shall be followed strictly for issue of 'C' declaration forms on time to the suppliers.

Yours faithfully,

**Chief Engineer Electy.,
Tendering & Procurement.**



KARNATAKA POWER TRANSMISSION CORPORATION LTD

Corporate Office,
Kaveri Bhavan,
Bangalore - 560 009.

READ:

- 1) Corporate Office letter No. KPTCL/B-8/1445/2002-03 assigning therein the work of inspection of materials to M/s. RITES and the Agreement entered into thereon.
- 2) Corporate order No. KPTC/B8/1445/02-03 dt. 12.03.2004.
- 3) Note No. CEE/TA&QC/AEE-2/46 dt. 21.07.2009 from the Chief Engineer (Electy.), TA&QC, KPTCL proposing to insisting upon inspection of CTs and PTs at factory premises.

PREAMBLE:

As per Corporate Order under reference '2', the Chief Engineer Electy., Transmission Zones, KPTCL were empowered to waive the Inspection of materials other than power transformers, C&R Panels, Circuit breakers and Battery chargers. These have to be mandatorily inspected at the factory premises before dispatch instructions are given. It is noticed that certain materials meant for metering like, C.Ts & P.Ts / CVTs and meters including those meant for tariff metering purposes was not included in the list of equipments to be mandatorily tested and checked at the factory premises.

Hence this order:

Corporate Order No: KPTCL/B8/1445/2002-03

Dated: 29 SEP 2009

In supercession of the Corporate order No. KPTCL/B8/1445/2002-03 dt. 12.03.2004, approval is here by accorded for the following:

1. Inspection of Power Transformers, Control and Relay Panels, Circuit Breakers, Battery Chargers, CTs and PTs (including those meant for tariff metering purposes and energy meters meant for tariff metering purposes in some cases) shall not be waived.

2. Inspection of all the materials to be supplied, erected and commissioned by a turnkey contractor or to be supplied by any supplier is waived except in respect of the six materials detailed in item (1) supra. However, waiver of inspection is subject to the condition that similar materials previously supplied by the manufacturers against KPTCL's purchase order or turnkey contractor's order are in service and the quality / performance is satisfactory and no complaints have been received. But all the materials shall be inspected at site, on receipt and thoroughly checked before acceptance.
3. In respect of such purchase orders as per which the scope is only with regard to manufacture and supply, inspection of all the materials {except the Six items detailed in item (1) supra} can be waived subject to the condition that similar materials previously supplied by such manufacturers are in service and the quality / performance is satisfactory and complaints have not been received.

This shall come into force with immediate effect.

By Order,

B. Shela 29.09.09
Dy. General Manager (Tech)
KPTCL, Bangalore.

Copy to:

1. All Chief Engineers (Electy), KPTCL.
2. Financial Adviser, IA / A&R / RA, KPTCL, Kaveri Bhavan, Bangalore.
3. All Superintending Engineers (EI), KPTCL.
4. All Controllers, KPTCL.
5. All Executive Engineers (EI), KPTCL.
6. Executive Assistant to Director (Transmission), KPTCL, Kaveri Bhavan, Bangalore-09.
7. Executive Assistant to Managing Director, KPTCL, Kaveri Bhavan, B'lore-09.
8. All Dy. Controllers of Accounts, KPTCL.
9. All AEEs / Accounts Officers, KPTCL.
10. PS to MD / D(T) / D(F) / D(A&HR), Company Secretary, KPTCL, Bangalore.
11. SA-2, Records, Board Secretariat.

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ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಪ್ರಸಾರಣ ನಿಗಮ ನಿಯಮಿತ

ದೂರವಾಣಿ: 080-22274744

ಪ್ಯಾಕ್ಸ್: 080-22212456



ಮುಖ್ಯ ಇಂಜಿನಿಯರ್ (ವಿ),

ಟೆಂಡರಿಂಗ್ ಮತ್ತು ಪ್ರೊಕ್ಯೂರ್‌ಮೆಂಟ್,

ಕವಿಪ್ರನಿನಿ, ಕಾವೇರಿ ಭವನ,

ಬೆಂಗಳೂರು - 560 009.

ದಿನಾಂಕ :

- 8 OCT 2009

5109-22

ಸಂಖ್ಯೆ: ಮು.ಇಂ(ವಿ)/ಟಿ ಮತ್ತು ಪಿ/ನಿ/ಲೆಆ/ಕೆಸಿಒ65/2009-10/

ಲಗತ್ತು: 4

ಮುಖ್ಯ ಇಂಜಿನಿಯರ್ (ವಿದ್ಯುತ್),
ವಲಯ ಕಛೇರಿ, ಕವಿಪ್ರನಿನಿ,
ಬೆಂಗಳೂರು/ತುಮಕೂರು/ಮೈಸೂರು/ಹಾಸನ/
ಬಾಗಲಕೋಟೆ/ಗುಲ್ಬರ್ಗ.

ಉಪಪ್ರಧಾನ ವ್ಯವಸ್ಥಾಪಕರು,
ನಿಗಮ ಕಾರ್ಯಾಲಯ, ಕವಿಪ್ರನಿನಿ,
ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು.

ಮಾನ್ಯರೆ,

ವಿಷಯ: ಕ.ಮೌ.ತೆ. ಕಾಯ್ದೆ - 2003 ಮೆ:ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಪ್ರಸಾರಣ ನಿಗಮ ನಿಯಮಿತ,
ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು ಮತ್ತು ಶಾಖಾ ಕಛೇರಿಗಳು, ಎಲ್.ವಿ.ಒ 030,
ಬೆಂಗಳೂರು ರವರ ಕಛೇರಿಯಲ್ಲಿ ತೆರಿಗೆ ಪಾವತಿ/ನಮೂನೆ-100/ನಮೂನೆ-125ರ
ಸಲ್ಲಿಕೆ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: ವಾಣಿಜ್ಯ ತೆರಿಗೆ ಸಹಾಯಕ ಆಯುಕ್ತರು, ಸ್ಥಳೀಯ ಮೌಲ್ಯವರ್ಧಕ ಕಛೇರಿ- 030,
ಗಾಂಧಿನಗರ, ಬೆಂಗಳೂರು ರವರ ಹಿಂಬರಹ ಸಂಖ್ಯೆ ವಾತೆಸಾಅ/ಎವಿಒ030/
2009-10 ದಿ: 17.09.2009.

ವಾಣಿಜ್ಯ ತೆರಿಗೆ ಸಹಾಯಕ ಆಯುಕ್ತರ ಎ.ವಿ.ಒ 030 ರವರು ಉಲ್ಲೇಖಿತ ಪತ್ರದಲ್ಲಿ ಮಾನ್ಯ ವಾಣಿಜ್ಯ
ತೆರಿಗೆ ಆಯುಕ್ತರ ತಿದ್ದುಪಡಿ ಆದೇಶ ಸಂಖ್ಯೆ ಸಿ.ಎಲ್.ಆರ್. ಸಿ.ಆರ್-26/05-06 ದಿನಾಂಕ 27.08.2009
ರನ್ನು ಲಗತ್ತಿಸುತ್ತಾ (ಪ್ರತಿ ಲಗತ್ತಿಸಿದೆ), ಇನ್ನು ಮುಂದೆ ಕೆಪಿಟಿಸಿಎಲ್ ಸಂಸ್ಥೆಯ ರಾಜ್ಯದ ಇತರೆ ಶಾಖೆಗಳ ಎಲ್ಲಾ
ಶಾಸನಬದ್ಧ ಪ್ರಕ್ರಿಯೆಗಳನ್ನು ಅಂದರೆ ತೆರಿಗೆ ಪಾವತಿ/ನಮೂನೆ 100/ನಮೂನೆ 125/ನಮೂನೆ 156 ಮತ್ತು
ಇತರೆ ಶಾಸನಬದ್ಧ ಪ್ರಕ್ರಿಯೆಗಳನ್ನು ಪ್ರತ್ಯೇಕವಾಗಿ ಶಾಖಾವಾರು ಅವರ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಲು ನಿರ್ದೇಶಿಸಿರುತ್ತಾರೆ.
ಇದರ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ತಮ್ಮ ವ್ಯಾಪ್ತಿಗೆ ಬರುವ ಎಲ್ಲಾ ಶಾಖೆಗಳ ಕರ್ನಾಟಕ ಮೌಲ್ಯ ವರ್ಧಕ ಕಾಯ್ದೆ
2003ರಡಿಯಲ್ಲಿ ಸಲ್ಲಿಸುವ ವಿವರಗಳನ್ನು ಪ್ರತಿ ತಿಂಗಳು ಕ್ರೋಡೀಕರಿಸಿ, ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು(ಲೆಕ್ಕ ಮತ್ತು
ಸಂಪನ್ಮೂಲ), ಕವಿಪ್ರನಿನಿ ರವರ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಲು ಕೋರಲಾಗಿದೆ. ಸೆಪ್ಟೆಂಬರ್ - 2009ರ ತಿಂಗಳಿನ





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ವಿವರವನ್ನು ದಿನಾಂಕ 12.10.2009ರ ಒಳಗೆ ಹಾಗೂ ತದನಂತರದ ಮಾಸಿಕ ವಿವರಗಳನ್ನು ಆ ತಿಂಗಳು ಮುಗಿದ ನಂತರದ ತಿಂಗಳ 5ನೇ ತಾರೀಖಿನ ಒಳಗೆ ಸಲ್ಲಿಸಲು ಕೋರಲಾಗಿದೆ.

ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು (ಲೆಕ್ಕ ಮತ್ತು ಸಂಪನ್ಮೂಲ) ರವರ ಕಛೇರಿಯಿಂದ ರಾಜ್ಯದ ಎಲ್ಲಾ ಶಾಖೆಗಳ ವಿವರಗಳನ್ನು ಕ್ರೋಡೀಕರಿಸಿ 20ನೇ ತಾರೀಖಿನ ಒಳಗೆ ವಾಣಿಜ್ಯ ತೆರಿಗೆಯನ್ನು ಸಹಾಯಕ ಆಯುಕ್ತರು ಎಲ್.ವಿ.ಒ 030 ರವರಿಗೆ ಪಾವತಿಸಬೇಕಾಗಿರುತ್ತದೆ. ಆದ್ದರಿಂದ ಸೆಪ್ಟೆಂಬರ್- 2009ರ ವಿವರಗಳನ್ನು ಮೇಲೆ ವಿವರಿಸಿದಂತೆ ದಿನಾಂಕ 12.10.2009ರ ಒಳಗೆ ಹಾಗೂ ತದನಂತರದ ಮಾಸಿಕ ವಿವರಗಳನ್ನು ಆ ತಿಂಗಳೂ ಮುಗಿದ ನಂತರದ ತಿಂಗಳ 5ನೇ ತಾರೀಖಿನ ಒಳಗೆ ವಿವರಗಳನ್ನು ತಪ್ಪದೇ ಸಲ್ಲಿಸುವಂತೆ ಕೋರಲಾಗಿದೆ. ಅಂದರೇ ಆಕ್ಟೋಬರ್ 2009ರ ವಿವರಗಳನ್ನು ದಿನಾಂಕ 05.11.2009ರ ಒಳಗೆ ಹಾಗೂ ಮುಂದಕ್ಕೆ ಅದೇ ಮಾದರಿಯಲ್ಲಿ ಸಲ್ಲಿಸಲು ಕೋರಿದೆ.

ತಮ್ಮ ವಿಶ್ವಾಸಿ,


ಮುಖ್ಯ ಇಂಜಿನಿಯರ್(ವಿ),

ಟೆಂಡರಿಂಗ್ ಮತ್ತು ಪ್ರೊಕ್ಯೂರ್‌ಮೆಂಟ್.

ಪ್ರತಿಗಳನ್ನು ಮಾಹಿತಿಗಾಗಿ:-

1. ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು (ಲೆಕ್ಕ ಮತ್ತು ಸಂಪನ್ಮೂಲ), ಕವಿಪ್ರನಿನಿ, ನಿಗಮ ಕಾರ್ಯಾಲಯ, ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು
2. ಎಲ್ಲಾ ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು, ಕವಿಪ್ರನಿನಿ.

ಪ್ರತಿಗಳನ್ನು ಮಾಹಿತಿ ಹಾಗೂ ಮುಂದಿನ ಕ್ರಮಕ್ಕಾಗಿ:-

1. ಎಲ್ಲಾ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರ್ (ವಿ), ಬೃ.ಕಾ.ವಿ/ ಟಿಎಲ್ ಮತ್ತು ಎಸ್‌ಎಸ್ ವಿಭಾಗಳು ಕವಿಪ್ರನಿನಿ.
2. ವ್ಯವಸ್ಥಾಪಕರು, (ಆಂತರಿಕ ನಿರ್ವಾಹಣೆ)/(ನಗದು ಮತ್ತು ಲೆಕ್ಕಗಳು), ಕವಿಪ್ರನಿನಿ, ನಿಗಮ ಕಾರ್ಯಾಲಯ, ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು.

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ಸಂ:ವಾತೆಸಅ:ಎ.ಬಿ.ಒ.030:2009-10

ಟಿ.ಸಂ: /

ವಾಣಿಜ್ಯ ತೆರಿಗೆ ನೋಂದಣಿ ಅಧಿನಿಯಮ,
ಸ್ಥಳೀಯ ಮೌಲ್ಯವರ್ಧಿತ ಕಛೇರಿ--030,
ಸಲ ಮಹಡಿ, ವಾಣಿಜ್ಯ ತೆರಿಗೆ
ಕಾರ್ಯಾಲಯ, ಗಾಂಧಿನಗರ,
ಬೆಂಗಳೂರು, ದಿನಾಂಕ:27.08.2009.

ಆಯ್ಕೆ ವಿವರಗಳು (ವಿ)ಗೌರವ ಕಛೇರಿ	
ಶಾಖೆ: 33 ಅಂತಸ್ತು	
ನಂ: (ವಿ)	
ಸಂಖ್ಯೆ: 33	
ಎ.ನಿ.ಇಂ. (ವಿ)-431	
ಎ.ನಿ.ಇಂ. (ವಿ)-432	
ಎ.ನಿ.ಇಂ. (ವಿ)-433	
ಆಯ್ಕೆ ಕಾರ್ಯಾಲಯ	
ಆಯ್ಕೆ ಅಭಿಯಂತರರು	

ಹಿಂಬರಹ

ವಿಷಯ:-ಕ.ಮೌ.ತೆ.ಕಾಯ್ದೆ-2003 - ಮೆ:ಕರ್ನಾಟಕ ವಿದ್ಯುತ ಪ್ರಸಾರಣ ನಿಗಮ ನಿಯಮಿತ, ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು ಮತ್ತು ಶಾಖಾ ಕಛೇರಿಗಳು, ಈ ಕಛೇರಿಯಲ್ಲಿ ತೆರಿಗೆ ಪಾವತಿ/ನಮೂನೆ-100/ನಮೂನೆ-125ರ ಸಲ್ಲಿಕೆ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ:-ಮಾನ್ಯ ವಾ.ತೆ. ಆಯುಕ್ತರ ತಿದ್ದುಪಡಿ ಆದೇಶ ಸಂಖ್ಯೆ:ಸಿ.ಎಲ್.ಆರ್. ಸಿ.ಆರ್-26/05-06:ದಿನಾಂಕ:27/08/2009.

ನೀವು ಕರ್ನಾಟಕ ಮೌಲ್ಯ ವರ್ಧಿತ ಕಾಯ್ದೆ-2003 ರಡಿಯಲ್ಲಿ ಈ ಕಛೇರಿಯಲ್ಲಿ ನೋಂದಣಿ ಹೊಂದಿದ್ದು ರಾಜ್ಯದಲ್ಲಿ 58 ಶಾಖೆಗಳನ್ನು ಹೊಂದಿರುತ್ತೀರಿ. ಮೇಲ್ಕಂಡ ಉಲ್ಲೇಖದನ್ವಯ ನಿಮ್ಮ ಸಂಸ್ಥೆಗೆ ಸಂಬಂಧಪಟ್ಟ ರಾಜ್ಯದ ಎಲ್ಲಾ ಶಾಖಾ ಕಛೇರಿಗಳು ತೆರಿಗೆ ಪಾವತಿ/ನಮೂನೆ-100/ನಮೂನೆ-125ನ್ನು ಮತ್ತು ಇತರೆ ಶಾಸನಬದ್ಧ ಪ್ರಕ್ರಿಯೆಗಳನ್ನು ಪ್ರತ್ಯೇಖವಾಗಿ ಶಾಖಾವರು ಈ ಕಛೇರಿಯಲ್ಲಿ ಸಲ್ಲಿಸಲು ಕ್ಷೇತ್ರ ವ್ಯಾಪ್ತಿ ನೀಡಿ ಮಾನ್ಯ ಆಯುಕ್ತರು ಆದೇಶಿಸಿರುತ್ತಾರೆ. ಪ್ರಯುಕ್ತ ಇನ್ನು ಮುಂದೆ ನಿಮ್ಮ ಸಂಸ್ಥೆಯ ರಾಜ್ಯದ ಇತರ ಶಾಖೆಗಳ ಎಲ್ಲಾ ಶಾಸನಬದ್ಧ ಪ್ರಕ್ರಿಯೆಗಳನ್ನು ಅಂದರೆ ತೆರಿಗೆ ಪಾವತಿ/ನಮೂನೆ-100/ನಮೂನೆ-125/ನಮೂನೆ-156ರ ಸಲ್ಲಿಕೆ ಕಾರ್ಯವನ್ನು ಈ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಲು ನಿರ್ದೇಶಿಸಲಾಗಿದೆ. ಹಾಗೂ ನಿಮ್ಮ ಎಲ್ಲಾ ಶಾಖೆಗಳಿಗೂ ಈ ಕುರಿತು ಸೂಕ್ತ ಕ್ರಮ ಕೈಗೊಳ್ಳಲು ಸೂಚಿಸಬೇಕಾಗಿ ಕೋರಲಾಗಿದೆ. ಈ ಹಿಂಬರಹದೊಂದಿಗೆ ಮಾನ್ಯ ಆಯುಕ್ತರ ಅದೇಶದ ಪ್ರತಿಯನ್ನು ತಮ್ಮ ವಾಹಿನಿಗಾಗಿ ಕಳುಹಿಸಿಕೊಡಲಾಗಿದೆ.

Assessment/ತೆರಿಗೆ ಕಛೇರಿ/ಆಯುಕ್ತರು,
(LVO) 030, B.S. 030, 08, 08, 2009

ಇವರಿಗೆ:
ಮೆ:ಕರ್ನಾಟಕ ವಿದ್ಯುತ ಪ್ರಸಾರಣ ನಿಗಮ
ಕಾವೇರಿ ಭವನ, ಲಿ.ಬಿ.ರಸ್ತೆ,
ಬೆಂಗಳೂರು-560009.

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WW3



GOVERNMENT OF KARNATAKA
(Commercial Taxes Department)

PROCEEDINGS OF THE COMMISSIONER OF COMMERCIAL TAXES,
(KARNATAKA), BANGALORE-PERMISSION UNDER SECTION 38(6) OF
THE KARNATAKA VALUE ADDED TAX ACT, 2003.

Sub: Rectification of mistake – regarding the permission
accorded u/s 38 (6) of the Karnataka Value Added
Tax Act, 2003 read with Rule 47 (1) of KVAT
Rules 2005 - for 58 Divisions, Circles and Zonal level
units of M/s. Karnataka Power Transmission Corporation
Ltd., Bangalore- reg.

Ref: This office letter No. CLR/CR-26/05-06, dated 23-07-2005
Granting permission under Section 38(6) of the KVAT
Act 2003.

Preamble:

* * * * *

M/s. Karnataka Power Transmission Corporation Ltd., is a corporate body engaged in electricity tendering and procurement activities in the State of Karnataka. The company having its Divisions, Circles and Zones, (58 offices) working at different places in the State and head office located at Kaveri Bhavan, Bangalore-560009, presently borne on the files of Local VAT Office – 030, Bangalore having TIN 29160318957.

The company has filed an application under section 38(6) of the KVAT Act 2003, requesting to grant permission for separate registrations to its 58 offices located at different places of the Karnataka State, stating that the company is facing difficulties in remittance of taxes collected at source and to comply with the provision of 38(1) of the KVAT Rule 2005.

Considering the plea put forth by the company, permission under section 38(6) of the KVAT Act 2003 was accorded to obtain separate registration for its 58 offices located at different places in the State of Karnataka for the purpose of filing returns and payment of taxes vide this office reference cited above with the following conditions:-

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1) The LVO having jurisdiction over the companies division/circle/zone level units in which the above principal place of business of applicant is situated may now proceed to issue a separate registration to its local unit office with the following procedure prescribed in this behalf under Section 22(1) of KVAT Act, 2003.

2) The main office of M/s. KPTCL situated at Kaveri Bhavan, Bangalore and its 58 division/circle/zone level offices were located all over Karnataka shall thereafter furnish its monthly statements and returns under the KVAT Act, 2003 to the said jurisdictional LVO's and pay taxes and monthly returns separately in accordance with law.

3) This permission was granted subject to the provision of KVAT Act, 2003 read with Rule 47(1) of KVAT Rules, 2005.

However, in this office Circular No.DCCT(HQ.I)/CR-5/2008-09, dated 04-09-2008 the issue has been re-visited and the following steps are prescribed.

(a) Wherever more than one TIN numbers are permitted to be allotted to a dealer, the LVO or VSO having jurisdiction over the main place of business of such dealer shall allot the additional TIN irrespective of where the additional place of business is located. The LVO or VSO, while entering in VAT-Soft, the particulars of Form VAT 1 submitted by the dealer for allotment of additional TIN number, should be required to enter all the TINs already allotted to such dealer in the box to be provided for this purpose. ~~When the VAT-Soft data base is accessed using the dealer name or one of the TIN numbers, all the TIN numbers assigned to the dealer should get displayed on the screen and the accounts also should get displayed in a common format. The rules require that returns in respect of all places of business shall be filed by such dealers in the office of the LVO or VSO in which the main place of business is registered.~~

(b) The re-assessment or audit of the accounts of a dealer under all the TIN numbers assigned to the dealer should be carried out by one officer for a given period and not by more than one officer for any reason. Necessary modification in this regard should be made in the audit assignment module of TIN-Soft.

(c) The registration certificate issued to the dealer in such cases shall show the TIN numbers of all the places of business of the dealer.

Therefore this partial modification is necessitated.

Order No. CLR/CR-26/05-06, dated 27-08-2009.

The separate registration certificates for the Fifty Eight (58) division/circle/zone level units of M/s. Karnataka Power Transmission Corporation Ltd., have already been issued from the local VAT officers in whose jurisdictions the above units are located, as per this office letter No. CLR/CR-26/05-06, dated 23-07-2005, is ratified with the following conditions:-

- 1) The principal place of business of the company is located at Kaveri Bhavan, Bangalore-560009 holding TIN No. 29160318957 falls under the jurisdiction of L.V.O - 030, Bangalore, who shall be also the jurisdictional authority for all the branches of the company irrespective of places where its branches is located, the details of branches are under:-

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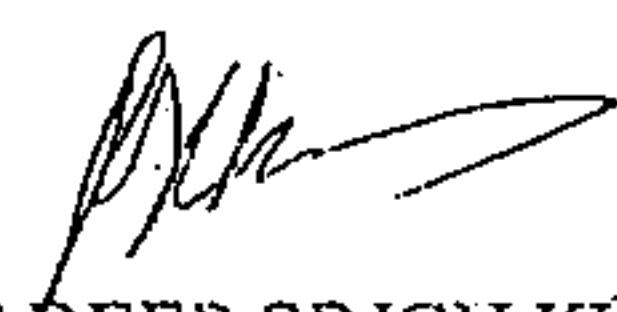
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Sl. No.	Name of the Office
01	CEE, Transmission Zone, Bangalore
02	SEE, T(W) Bangalore
03	EE, MWD, Tumkur
04	EE, MWD, Kolar
05	EE, MWD, Davanagere
06	EE, MWD, South, Bangalore
07	EE, MWD, North, Bangalore
08	SEE, Transmission (Maintenance), BMAZ
09	SEE, Transmission (Maintenance), BRAZ
10	SEE, Transmission (W & M), Davanagere
11	EE, TL & SS, Peenya
12	EE, TL & SS, Hoody
13	EE, TL & SS, Tumkur
14	EE, TL & SS, Kolar
15	EE, TL & SS, Doddaballapur
16	EE, TL & SS, Davanagere
17	EE, TL & SS, Somanahalli
18	EE, TL & SS, Nelamangala
19	CEE, Transmission Zone, Mysore
20	SEE, Transmission (W & M), Shimoga
21	SEE, Transmission (Works), Mysore
22	SEE, Transmission (W & M), Mangalore
23	SEE, Transmission (Maintenance), Mysore
24	EE, MWD, Mysore
25	EE, MWD, Shimoga
26	EE, MWD, Mangalore
27	EE, MWD, Hassan
28	EE, TL & SS, MRS, Shimoga

29	EE, TL & SS, Shimoga
30	EE, TL & SS, Hootagally
31	EE, TL & SS, Mysore
32	EE, TL & SS, Karkala
33	EE, TL & SS, Hassan
34	EE, TL & SS, Kavoor
35	EE, TL & SS, Talaguppa
36	CEE, Transmission Zone, Bagalkot
37	SEE, Transmission (Works), Hubli
38	SEE, Transmission (W & M), Belgaum
39	SEE, Transmission (Maintenance), Hubli
40	SEE, Transmission (W & M), Bagalkot
41	EE, MWD, Hubli
42	EE, MWD, Belgaum
43	EE, MWD, Bagalkot
44	EE, TL & SS, Haveri
45	EE, TL & SS, Sirsi
46	EE, TL & SS, Chilkodi
47	EE, TL & SS, Bijapur
48	EE, TL & SS, SRS, Hubli
49	EE, TL & SS, Belgaum
50	CEE, Transmission Zone, Gulbarga
51	SEE, Transmission (W & M), Munirabad
52	SEE, Transmission (W & M), Gulbarga
53	EE, MWD, Bellary
54	EE, MWD, Gulbarga
55	EE, TL & SS, Gulbarga
56	EE, TL & SS, Yadagir
57	EE, TL & SS, Munirabad
58	EE, TL & SS, Lingugur

- 2) The applicant is instructed to file the monthly statements in Form VAT 100 separately indicating the turnover and taxes in respect of each branches to the office of the LVO – 030, Bangalore, in whose jurisdiction the company Head Office is located.
- 3) The jurisdictional Local Vat Office's - in which the company's above branches are registered shall transfer all the concerned records to the office of the LVO - 030, Bangalore in whose jurisdiction the principal place of the company is located..
- 4) The permission granted shall also be subjected to the conditions and restrictions laid down under Rule 47(1) (i) (ii) (iii) of KVAT Rules 2005,


(PRADEEP SINGH KHAROLA)
Commissioner of Commercial Taxes,
(Karnataka), Bangalore.

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

No. KPTCL/B 28/8632/09-10



Corporate Office,
Kaveri Bhavan,
Bangalore-560 009.

Date: 15-10-09
15-10-09

CIRCULAR

Sub: Revised specification for EHT CTs & PTs used in IPP installation and Inter State metering (Voltage class 66KV to 400KV).

Ref: The Chief Engineer Electy, RT & APR Note No: CEE (RT&APR)/KCO-81/17494 dated 29.09.09

Presently the secondary burden employed in metering CTs and PTs used in IPP Installation and Interstate metering are in the range of 15VA and 50VA respectively. However in the present metering practice, meters used are Electronic Trivector Meters which offer a low burden and the leads from the CTs & PTs are not lengthy as the meters are located near the Instrument transformer which further reduces the burden. The ratio error & phase angle error stipulated for different load currents in IS 2705/1992 is for a secondary burden in the range of 25% to 100% of rated burden.

Hence the following revision in the specification for EHT CTs & PTs shall be adopted by all the Transmission Zones in all IPP Installation and Interstate metering. Instrument transformers CT & PT to be used for metering purpose in IPP Installation and Interstate lines shall be designed for a secondary burden of 5VA & 10VA respectively, in order to record accurate energy. Further CTs used in such installation shall conform to "Special application accuracy class (0.2s)" which dictates better accuracy at low load condition.

B. Shela 15.10.09
Deputy General Manager (Tech)
KPTCL

To

1. All the Chief Engineers Electy. KPTCL
2. All the Superintending Engineers (EI), KPTCL
3. All The Executive Engineers (EI), KPTCL
4. The Deputy General Manager (Tech), KPTCL, Kaveri Bhavan, Bangalore.
5. PS to MD/ D(T)/ D (F) , KPTCL, Kaveri Bhavan, Bangalore with a request to place before MD, D(T), D(F)
6. SA-II records.
7. MF

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

No.KPTCL/B28/8651/2009-10



Corporate Office,
Kaveri Bhavan,
Bangalore - 560 001.
Date: 30-10-2009.

CIRCULAR

Subject: Providing 2 phase supply to the distribution transformers from the station by keeping the 3rd phase open.

Reference: Letter No. BESCO/GM/PP/BC-47/F-3247/08-09/ Cys 17 dated 19th September 2009 of DT BESCO.

Despite rostering of IP feeders, the consumption has not reduced. It is therefore proposed to arrange power supply by closing only 2 phases and keeping the third phase open.

The matter has been examined and the following measures have to be taken and reported by Chief Engineers Electy., O&M Zones to the Zonal Chief Engineers Electy., of KPTCL before power supply to only 2 phases on 11 KV side is provided instead of the present method of rostering of feeders:

The guidelines for the operations are:

- a) Ensure proper grounding of all distribution transformers connected to the feeders. The ground resistance must be less than 5 ohms. The respective Executive Engineers El., of the O&M Divisions shall certify to the concerned Zonal Chief Engineers Electy., that this has been done indicating the names of the transformer centres also. The list should be countersigned by the Superintending Engineer El., O&M Circle.
- b) The Executive Engineer El., of the O&M Division shall ensure equitably balancing of loads on phases on which 2 phase power supply is proposed to be distributed so that the sum of the loads on all the feeders in the sub-station is almost equal resulting in minimum flow of current in the neutral of the power transformers. The Zonal Chief Engineers Electy., KPTCL shall ensure that the loads are balanced before granting approval for 2 phase power supply in these stations.

- c) The Executive Engineers Elecl., of the O&M Divisions shall ensure that there is no bridging of the phase which is kept open with any of the other two phases anywhere in the downstream of the lines from the Station since when the 3 phase supply is restored, the power transformer is likely to fail. If any such instances comes to the notice of the Executive Engineer El., TL&SS incharge of a particular station, he/she shall report the matter immediately to the concerned Zonal Chief Engineers Electy., KPTCL and the facility of giving power supply on 2 phase shall be withdrawn immediately.

It is essential that the above directions are followed scrupulously without any compromise, since it is important that all safety norms are followed to prevent any electrical accidents. The Executive Engineers El., TL&SS shall maintain a register for monitoring 2 phase operations which will be jointly certified by Executive Engineer El., O&M and the Executive Engineer El., TL&SS and countersigned by the Superintending Engineer El., O&M Circle. The Superintending Engineer El., O&M Circle of ESCOM is fully responsible for ensuring that there are no procedural lapses in implementing this system.

It is the responsibility of the O&M staff to ensure that all safety precautions as indicated above are taken and no untoward events take place.

B. Sela_{20.10.09}

**Deputy General Manager (Technical)
KPTCL, Bangalore.**

Copy to:

1. All Chief Engineers, Electy., Transmission Zones, KPTCL.
2. All Chief Engineers, Electy., O&M Zones, ESCOMs.
3. All Superintending Engineers, Elecl., KPTCL/ESCOMs.
4. All Executive Engineers, Elecl., KPTCL/ESCOMs.
5. Executive Assistant to Managing Director, KPTCL.
6. Executive Assistant to Director (Transmission), KPTCL.
7. Technical Assistant to Director (Finance), KPTCL.
8. PS to Managing Directors of ESCOMs/PCKL.
9. PS to Directors (Technical) of ESCOMs.
10. MF.



ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಪ್ರಸಾರಣ ನಿಗಮ ನಿಯಮಿತ

ದೂರವಾಣಿ: 080-22274744

ಪ್ಯಾಕ್ಸ್: 080-22212456



ಮುಖ್ಯ ಇಂಜಿನಿಯರ್ (ವಿ),
ಟೆಂಡರಿಂಗ್ ಮತ್ತು ಪ್ರೊಕ್ಯೂರ್‌ಮೆಂಟ್,

ಕವಿಪ್ರನಿ, ಕಾವೇರಿ ಭವನ,

ಬೆಂಗಳೂರು - 560 009.

5872-84

ಸಂಖ್ಯೆ: ಮು.ಇಂ(ವಿ)/ಟಿ ಮತ್ತು ಪಿ/ನಿ/ಲೆಅ/ಕೆಸಿಒ65/2009-10/

ದಿನಾಂಕ : 4 NOV 2009

ಲಗತ್ತು:

ಮುಖ್ಯ ಇಂಜಿನಿಯರ್ (ವಿದ್ಯುತ್),
ವಲಯ ಕಛೇರಿ, ಕವಿಪ್ರನಿ,
ಬೆಂಗಳೂರು/ತುಮಕೂರು/ಮೈಸೂರು/ಹಾಸನ/
ಬಾಗಲಕೋಟೆ/ಗುಲ್ಬರ್ಗ.

ಮಾನ್ಯರೆ,

ವಿಷಯ: ಕ.ಮೌ.ತೆ. ಕಾಯ್ದೆ - 2003 ಮೇ:ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಪ್ರಸಾರಣ ನಿಗಮ ನಿಯಮಿತ,
ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು ಮತ್ತು ಶಾಖಾ ಕಛೇರಿಗಳು, ಎಲ್.ವಿ.ಒ 030,
ಬೆಂಗಳೂರು ರವರ ಕಛೇರಿಯಲ್ಲಿ ತೆರಿಗೆ ಪಾವತಿ/ನಮೂನೆ-100/ನಮೂನೆ-125ರ
ಸಲ್ಲಿಕೆ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: ಈ ಕಛೇರಿಯ ಪತ್ರ ಸಂಖ್ಯೆ: ಮು.ಇಂ(ವಿ)/ಟಿ ಮತ್ತು ಪಿ/ನಿ/ಲೆಅ/ಕೆಸಿಒ65/2009-10/
5109-22 ದಿ: 08.10.09.

ಉಲ್ಲೇಖಿತ ಈ ಕಛೇರಿ ಪತ್ರಕ್ಕೆ ಗಮನ ಸೆಳೆಯುತ್ತ ತಿಳಿಯಬಯಸುವುದೇನೆಂದರೇ ಪತ್ರದಲ್ಲಿ ಕೇಳಿರುವ
ಮಾಹಿತಿಗಳನ್ನು ನಮೂನೆ 100 ಮತ್ತು ನಮೂನೆ 125ರ ತಮ್ಮ ವ್ಯಾಪ್ತಿಗೆ ಬರುವ ವಿಭಾಗಗಳ ಮಾಹಿತಿಯನ್ನು
ಟಿನ್ ಸಂಖ್ಯೆಯೊಂದಿಗೆ ಪ್ರತ್ಯೇಕವಾಗಿ ಕ್ರೋಢೀಕರಿಸಿ, ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು (ಲೆಕ್ಕ ಮತ್ತು ಸಂಪನ್ಮೂಲ),
ಕವಿಪ್ರನಿರವರ ಕಛೇರಿಯ ಬದಲಾಗಿ ಈ ಕಛೇರಿಗೆ ನಿಗದಿತ ದಿನಾಂಕದೊಳಗೆ ಸಲ್ಲಿಸಲು ಕೋರಲಾಗಿದೆ.

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

ಮುಖ್ಯ ಇಂಜಿನಿಯರ್(ವಿ),
ಟೆಂಡರಿಂಗ್ ಮತ್ತು ಪ್ರೊಕ್ಯೂರ್‌ಮೆಂಟ್.

XXI



ಪ್ರತಿಗಳನ್ನು ಮಾಹಿತಿಗಾಗಿ:-

1. ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು (ಲೆಕ್ಕ ಮತ್ತು ಸಂಪನ್ಮೂಲ), ಕವಿಪ್ರನಿ, ನಿಗಮ ಕಾರ್ಯಾಲಯ, ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು
2. ಎಲ್ಲಾ ಆರ್ಥಿಕ ಅಭಿಯಂತರರು, ಕವಿಪ್ರನಿ.

ಪ್ರತಿಗಳನ್ನು ಮಾಹಿತಿ ಹಾಗೂ ಮುಂದಿನ ಕ್ರಮಕ್ಕಾಗಿ:-

1. ಎಲ್ಲಾ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರ್ (ವಿ), ಬೃ.ಕಾ.ವಿ/ ಟಿಎಲ್ ಮತ್ತು ಎಸ್‌ಎಸ್ ವಿಭಾಗಳು ಕವಿಪ್ರನಿ.
2. ವ್ಯವಸ್ಥಾಪಕರು, (ಆಂತರಿಕ ನಿರ್ವಾಹಣೆ)/(ನಗದು ಮತ್ತು ಲೆಕ್ಕಗಳು), ಕವಿಪ್ರನಿ, ನಿಗಮ ಕಾರ್ಯಾಲಯ, ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು.

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ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಪ್ರಸಾರಣ ನಿಗಮ ನಿಯಮಿತ

0/c (69)

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

No: KPTCL/B8/2341/09-10



CORPORATE OFFICE,
KAVERI BHAVAN,
BANGALORE -9,
DATED:

12 1 NOV 2009

Circular

ಶಿವಮೊಗ್ಗ ಕವರಿ ಭವನ

Sub: Standardization of the Tender procedure in respect of calling of Tenders for Arranging the Shift duties (partial/full), minor maintenance.
Ref: Circular No. B8/2341/09-10 dt. 05.08.2009.

It has come to notice that tenders are being invited by some of the tender inviting authorities viz., SEE(W&M)/SEE(Maint) circles for arranging shift duties (partial/full), minor maintenance in receiving / sub-stations in transmission zones with addition of certain clauses in variance to those in the standard bid document approved vide order No. KPTCL/IRO/B14/6014/02-03 dt. 27.02.2004. This is a clear violation of the approved terms and conditions of bidding which has resulted in complications and has invited unnecessary remarks. As such all officers vested with the powers of inviting tenders for the subject work are here by instructed that under no circumstances shall the terms and conditions and clauses already approved in the standard bid document be altered or new clauses be added or existing clauses be deleted without prior approval of the competent authority.

Further, all tenders for the subject work should be finalised only through 'e-tendering' mode. Also before issue of notifications, copies of the notifications pertaining to the subject work shall be forwarded to the Corporate office for approval.

Any violation of the above procedure will be viewed seriously.

B. Shela
21.11.09
Dy. General Manager (Tech),
KPTCL, Bangalore.

Copy to:

1. All Chief Engineers (Electy.), KPTCL.
2. FA (A&R)/ FA(I/A) and FA(RA), KPTCL, Kaveri Bhavan, Bangalore-09.

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3. Company Secretary, KPTCL, Kaveri Bhavan, Bangalore-09.
4. All Superintending Engineers (EI), KPTCL.
5. PS to Managing Director /Director (Transmission)/ Director (Finance),
Director (A&HRD), KPTCL, Kaveri Bhavan, Bangalore-09.

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

No. B19/7625/86-87



Corporate Office,
Kaveri Bhavan,
Bangalore - 560 009.

Dated:

05 DEC 2009

AMENDMENT

Sub:- Amendment to the rates specified for Cast Iron Pipes at Item Sl.No:11(c) in Page No:71 of Major Works Schedule of Rates 2009-10 book;

Ref:- 1. Corporate Order No. KPTCL/B19/7625/86-87 Bangalore Dt. 27.05.09.
2. Note No. B35/2009-10 Dt. 05.10.2009 of CEE(P&C), Chairman of SR Revision Committee.

KPTCL vide order cited under reference(1) has revised the Major Works Schedule of Rates effective from 01.05.2009. Further the MWSR 2009-10 books were circulated among all the offices of KPTCL and presently the same is in use. It is noted that the rates provided for Cast Iron Pipes in MWSR2009-10 (at Item Sl.No:11(c) in Page No:71 of Major Works SR 2009-10 book) is less compared to the rates of MWSR2006 and the current market rates. Hence the rates of Cast Iron Pipes mentioned in the MWSR-2009-10 book shall be amended as noted below.

Details of the Works	Existing rates	Amended rates
Item Sl.No:11(c) in Page No:71 of Major Works SR 2009-10 book : Grounding of equipments by providing cast iron pipe of 100mm ID 13mm thickness, 2.75Mtrs long with 2 part clamp out of G.I.Flat 50x6mm continuously welded around the pipe using cast iron welding electrodes as per drawing including the cost of excavation (All materials to be supplied by the contractor)	Material + Labour Rs.1021.00 +Rs.432	Material + Labour Rs.4356 + Rs.432

B. Shela 04.12.09
Dy General Manager (Tech)
K.P.T.C.L.

Copy to:

All the Chief Engineers Electricity, KPTCL.
The Financial Adviser (A&R) / (I/A) KPTCL, Kaveri Bhavan, Bangalore
The Company Secretary, KPTCL, Kaveri Bhavan, Bangalore
All Superintending Engineers Electricity, KPTCL,
All Controaller of Accounts, KPTCL.
All Executive Engineers Electricity, KPTCL.

Copy for information to:-

Executive Assistant to Managing Director, KPTCL.
Executive Assistant to Director(Transmission), KPTCL.
Technical Assistant to Director(Finance), KPTCL.
PS to Director(A&HRD), KPTCL to place it before Director(A&HRD), KPTCL.

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Phone : 91-080-22274744
Fax : 91-080-22212456
Grams : "KAPTRANS"
Telex : 0845-2435 KEB IN
E-mail : cee_tp@kptcl.com



Office of the
Chief Engineer, Electricity,
Tendering & Procurement, KPTCL
Kaveri Bhavan, 'A' Block, P.B. No. 9990,
BANGALORE - 560 009

No. CEE/T&P/SEE/EE(T2)/T-4/5/2009-10/
Encl: QR

Date: 2 JAN 2010

8155-65

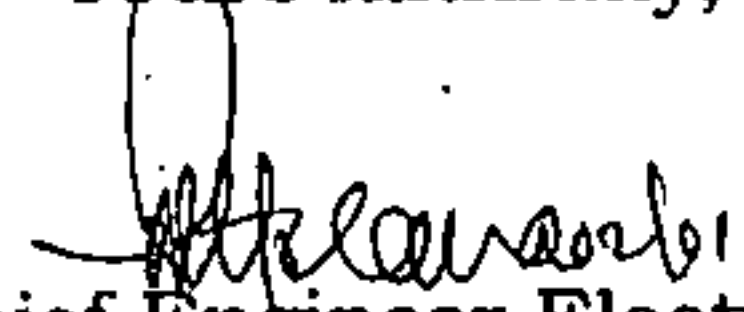
To,
**THE CHIEF ENGINEER ELECTRICITY,
TRANSMISSION ZONES, KPTCL
BANGALORE / BAGALKOT,
GULBARGA / HASSAN
TUMKUR / MYSORE**

Sir,

**Sub. : Establishing of 220kV, 110kV and 66kV Sub Stations with
associated Lines - Changes to be effected in the
Qualifying Requirements - Reg.**

The Central Purchase Committee in its 101st meeting of T&P held on 17.11.2009, has reviewed the Qualifying requirements and changes that are to be incorporated in the tender documents Pertaining to Combined Package of Establishing of 110kV, 66kV and 220kV Sub-Stations and Construction of Transmission Lines is herewith enclosed. Except the changes proposed in the note all other things remains unaltered. This is for your needful.

Yours faithfully,


Chief Engineer Electy.,
Tendering and Procurement.

Copy to :

1. All Executive Engineers Electrical, T & P, KPTCL, Kaveri Bhavan, Bangalore for information.
2. The Controller of Accounts, T & P, KPTCL, Kaveri Bhavan, Bangalore for information.
3. All Assistant Executive Engineers, Electrical, T & P, KPTCL, Kaveri Bhavan, Bangalore for information and to incorporate the necessary changes in the Tender Documents.
4. The Accounts officer (I/A)1 & 2, T & P, KPTCL, Kaveri Bhavan, Bangalore for information.
5. MF/OC.

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NOTE

As desired by CPC in 101st meeting of T&P, the Qualifying requirements were reviewed, and following changes are suggested for kind perusal and approval:

As Existing	As proposed
<p>QUALIFYING REQUIREMENTS (QR):</p> <p>11.1 GENERAL REQUIREMENTS: Bidder shall be Financially sound and shall submit audited financial reports for last five years preceding the date of Bid submission. Bidder shall have adequate knowledge of Sub-Stations and Transmission Lines Design procedures including Quality Control and shall have infrastructure and Erection facilities and capacity to execute the Works.</p>	<p>QUALIFYING REQUIREMENTS (QR):</p> <p>11.1 GENERAL REQUIREMENTS:</p> <p style="text-align: center;">No change</p>
<p>11.2 The essential minimum Qualifying Requirements are as under:</p> <p>The Bidder should possess valid Class I Electrical Contractor's License issued by the Government of Karnataka. In addition, the Prime bidder should have the following qualifying requirements (Technical):</p>	<p>The essential minimum Qualifying Requirements are as under:</p> <p>11.2 The Bidder or his Collaborator /consortium partner should possess valid Class I Electrical Contractor's License issued by the Government of Karnataka as on the date of opening of technocommercial bid. In addition, the bidder should have the following qualifying requirements (Technical) :</p>


CEE/T & P
K. P. T. C. L.

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11.3

- a) Should have carried out erection of One station of 110/66KV class or above category on Total Turnkey or Partial Turnkey basis, having atleast two nos. of Circuit Breaker, Terminal Bays (out of which at least one must be Transformer Bay including erection of Transformer) which shall be in satisfactory service for a period of two years prior to date of submission of the Bid.

OR

- b) Should have carried out erection of 2 (Two) Stations of 110/66KV class or above category on Labour Contract or as Sub-Contract to any Turnkey Contractor having at least two nos. of Circuit Breaker, Terminal Bays (out of which atleast one must be Transformer Bay including erection of Transformer) in each station which shall be in satisfactory service for a period of two years prior to date of submission of the Bid.

11.3

- a) Should have carried out erection of One station of 110/66KV class or above category on Total Turnkey or Partial Turnkey basis, having atleast two nos. of Circuit Breaker, Terminal Bays (out of which at least one must be Transformer Bay including erection of Transformer) which shall be in satisfactory service for a period of One year prior to date of submission of the Bid.

OR

- b) Should have carried out erection of 2(Two) Stations of 110/66KV class or above category on Labour Contract or as Sub-Contract to any Turnkey Contractor having at least two nos. of Circuit Breaker, Terminal Bays (out of which atleast one must be Transformer Bay including erection of Transformer) in each station which shall be in satisfactory service for a period of One year prior to date of submission of the Bid.


CRE/T&P
K. P. T. C. L.

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11.4

- a) Should have constructed 110/66KV Transmission Line or above category on Total Turnkey basis or Partial Turnkey basis to an extent **equivalent to the length of the line proposed in the tender or to an extent of 50 kms which ever is less over a period of 5 years, and 50% of the above quantity or 25Km whichever is less** shall be in satisfactory service for a period of two years prior to the date of submission of the Bid.

OR

- b) Shall be a Labour Contractor or Sub-Contractor of a Turnkey Contractor and who has executed the work of construction of 110/66KV Transmission Line equivalent to **two times the length of the line proposed in the tender or to an extent of 100KMs which ever is less over a period of 5 years out of which 50% of the above quantity or 50KMs whichever is less of the line** shall be in satisfactory service for a period of two years prior to the date of submission of the Bid.

11.4

- a) Should have constructed 110/66KV Transmission Line or above category on Total Turnkey basis or Partial Turnkey basis to an extent **equivalent to the length of the line proposed in the tender or to an extent of 50 kms which ever is less in the last ten years preceding the date of Bid submission, out of which 50% of the above quantity or 25Km whichever is less** shall be in satisfactory service for a period of One year prior to the date of submission of the Bid.


OR

- b) Shall be a Labour Contractor or Sub-Contractor of a Turnkey Contractor and who has executed the work of construction of 110/66KV Transmission Line or above category equivalent to **two times the length of the line proposed in the tender or to an extent of 100KMs which ever is less in the last ten years preceding the date of Bid submission, out of which 50% of the above quantity or 50KMs whichever is less of the line** shall be in satisfactory service for a period of One year prior to the date of submission of the Bid.


CEE/T & P
K. P. T. C. L.

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<p>11.5 COLLABORATION (Limited to a maximum of Two (2) Constituents / CONSORTIUM (Limited to a maximum of Three (3) Constituents):-</p>	<p>11.5 <u>COLLABORATION CONSORTIUM</u></p>
<p><u>COLLABORATION:</u></p> <p>11.5.1 The Prime Bidder who has the Financial Capabilities specified in '11.6' is eligible to participate in the following case,</p> <p>a) The Prime bidder who does not have the Qualifying Requirement (Technical) as specified in '11.3 & 11.4' but meets the Financial Capabilities as specified in '11.6' is eligible to participate subject to entering into a Collaboration agreement with a Collaborator having qualifying requirement as mentioned in '11.3 & 11.4' above.</p> <p>b) The Prime Bidder who meets the Financial Capabilities as specified in '11.6' but partially meets the Technical Capabilities as at 11.3 or 11.4 is eligible to participate subject to entering into a Collaboration agreement with a Collaborator having Qualifying Requirement as mentioned in 11.4 or 11.3 respectively above, such that the Collaboration should result with one party having Qualifying Requirement (Technical) as specified in 11.3 and the other party having Qualifying Requirement (Technical) as specified in 11.4 OR vice versa.</p>	<p><u>COLLABORATION:-</u> (Limited to a maximum of five (5) Constituents including the Prime bidder)</p> <p>11.5.1 The Prime Bidder who meets not less than 50% of the Financial Capabilities as specified in '11.6.1' is eligible to participate in the tender with collaboration arrangement limited to a maximum of five (5) collaborators including the prime bidder subject to entering in to a joint collaboration agreement in the prescribed format (Annexure-XI) with the following conditions;</p> <p>a) The other four collaborators should have any one of the minimum capabilities as indicated below;</p> <ol style="list-style-type: none"> 1) Not less than 25% of the financial capability prescribed under 11.6.1. 2) Technical qualifying requirement as prescribed under 11.3. 3) Technical qualifying requirement as prescribed under 11.4. <p>Such that the Collaboration should collectively meet the qualifying requirements prescribed at 11.3, 11.4 and 11.6.</p>


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11.5.2 In case the Prime Bidder having the Technical Qualifying Requirement as at '11.3 & 11.4' is unable to meet the Financial Requirement, he may have collaboration with an individual or Firm who meets the stipulated Financial Requirement as at '11.6'.

11.5.3 The Collaborator should execute a Collaboration agreement with the Prime Bidder in the approved format and should furnish additional 10% performance guarantee in the form of the Bank Guarantee within 30 days from the date of award of Contract.

All the Members of the Collaboration shall be liable jointly and severally for the execution of the Contract in accordance with the terms and conditions of the Contract and a statement to this effect shall be included in the Collaboration agreement as well as in the Contract Agreement.

There shall be no conditional offer in the Collaboration Agreement with regard to the project

11.5.2 Deleted.

11.5.3 The Collaborators jointly should execute a Collaboration agreement with the Prime Bidder in the approved format (Annexure-5) which shall be submitted along with the bid duly indicating their scope of work in the collaboration agreement. The collaborators should also furnish an additional 10% performance guarantee in the form of Bank Guarantee for their scope of work/participation within 15 days from the date of Letter of award.

All the Members of the Collaboration shall be liable jointly and severally for the execution of the Contract in accordance with the terms and conditions of the Contract and a statement to this effect shall be included in the Collaboration agreement. There shall be no provision for collaborators to extend their services purely on consultancy basis. However it is mandatory for the collaborators to execute their scope of work/participation as identified in the collaboration agreement which shall be evidenced by furnishing 10% additional bank guarantee.

There shall be no conditional offer in the Collaboration Agreement with regard to the project.

In case any one of the partners of the collaboration arrangement desires to withdraw from the Collaboration, prior permission of KPTCL should be taken and the prime bidder should find a firm of equal qualification of the firm desiring to withdraw from the collaboration. Only after approval of KPTCL, the firm can be permitted to withdraw from the collaboration.

CONSORTIUM:

11.5.4 The Consortium having combined Technical Qualification as at '11.3 & 11.4' along with Financial capability as at '11.6' are also eligible to participate in the Bid.

11.5.5 All the signatories of the Consortium agreement shall be only those holding valid Power of Attorney. A certified copy by the Company Secretary/Authorised Signatory to the respective Members of the Consortium shall be attached as evidence for authentication.

One of the Members of the Consortium shall be nominated as leader (Prime Bidder) of the Consortium and authorization shall be evidenced by submitting a Power of Attorney signed by signatories of all the Members of Consortium.

The leader of the Consortium shall be the only one who will be authorised to receive the instructions for and on behalf of the Consortium. The leader of the Consortium is primarily responsible for the total execution of the contract including all contractual obligations and receipt of the payment due in accordance with the provision of the contract.

All the Members of the Consortium shall be liable jointly and severally for the execution of the Contract in accordance with the terms and

CONSORTIUM:- *(Limited to a maximum of Five (5) Constituents including the Lead bidder):-*

11.5.4 The Consortium having combined Technical Qualification as at '11.3 & 11.4' along with Financial capability as at '11.6' are also eligible to participate in the Bid *such that any two of the consortium partners shall individually meet the technical capability prescribed at 11.3 or 11.4 subject to fulfillment of financial requirement prescribed at 11.6 by the other consortium partner or jointly by all the partners of the consortium.*

11.5.5 All the signatories of the Consortium agreement shall be only those holding valid Power of Attorney. A certified copy by the Company Secretary/Authorised Signatory to the respective Members of the Consortium shall be attached as evidence for authentication.

One of the Members of the Consortium shall be nominated as leader (Prime Bidder) of the Consortium and authorization shall be evidenced by submitting a Power of Attorney signed by signatories of all the Members of Consortium.

The leader of the Consortium shall be the only one who will be authorised to receive the instructions for and on behalf of the Consortium. The leader of the Consortium is primarily responsible for the total execution of the contract including all contractual obligations and receipt of the payment due in accordance with the provision of the contract.

All the Members of the Consortium shall be liable jointly and severally for the execution of the Contract in accordance with the terms and conditions of the Contract and a

conditions of the Contract and a statement to this effect shall be included in the Consortium agreement as well as in the Contract Agreement.

There shall be no conditional offer in the Consortium Agreement with regard to the project.

The Contract Agreement between Purchaser and Consortium shall be signed by all the Members of the Consortium.

The Consortium formed for the purpose of the project shall be valid till completion of the Contract.

"On specific request by the leader of the consortium i.e. lead partner/lead member, the CEE(T&P) may consider the request for arranging direct payment to consortium partner for his scope of work duly obtaining the necessary joint undertaking from the members of the consortium and to accept the general correspondences such as approval of Drawings /GTP/ Type tests, Inspection calls, Site inspections etc., made directly by their consortium partners"

This clause is also applicable to Collaborations.

statement to this effect shall be included in the Consortium agreement as well as in the Contract Agreement.

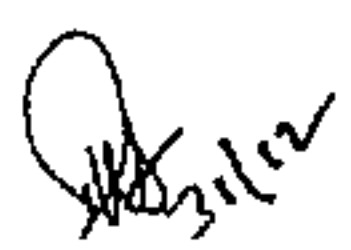
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This clause is also applicable to Collaborations.


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11.6 FINANCIAL CAPABILITIES:

For the purpose of this particular Bid, Bidders shall meet the following minimum criteria:

11.6.1 The Highest Annual financial turnover of the prime Bidder / partners of consortium for the best one year during any one of the previous five financial years shall not be less than Rs. 525.20 Lakhs being the cost of the estimate for the station and Transmission Line put to tender.

11.6.2 Basis for assessing the Financial Capability:

11.6.2.1 For assessing the Financial Capability of the Bidder, balance Works on hand with KPTCL and other commitments of the Bidder will be taken into account. The financial commitments of all businesses of the Bidder such as works, manufacturing, dealership etc., which are considered for arriving annual turnover of Bidder's Company will be taken into account.

11.6 FINANCIAL CAPABILITIES:

For the purpose of this particular Bid, Bidders shall meet the following minimum criteria:

11.6.1 *Minimum Average Annual Turnover (MAAT) of the bidder for best three years out of last five financial years ending on March or December as the case may be, shall not be less Rs. _____ which is calculated as noted below;*

$$Rs = \frac{(1.5 \times \text{estimated cost})}{\text{Completion period in years.}}$$

In case completion period is less than one (1) year the denominator to calculate MAAT shall be considered as one (1).

In case bidder is a holding company, MAAT shall be that of holding company only (i.e. excluding its subsidiary / group companies).

In case bidder is a subsidiary of a holding company, MAAT shall be that of subsidiary company only (i.e. excluding its holding company)

11.6.2 Basis for assessing the Financial Capability:

11.6.2.1 For assessing the Financial Capability of the Bidder, balance Works on hand (of the bidder including that of his collaborators/consortium members who are extending financial support) with KPTCL and other commitments of the Bidder will be taken into account. In computing the same, such of those works of KPTCL entrusted to the Bidder and where the percentage of financial progress is more than 50%, the same shall not be reckoned while assessing the Financial Capability of the Bidder concerned. For NON KPTCL works, the value of the pending portion of the works on hand will be reckoned.

11.6.2.2 If the Bidder's company is having various wings / Divisions and the turnover of each of the wing / Division are audited separately and have separate resources, in such events the turnover and commitments of that wing / Division which deals with KPTCL will be taken in to account for assessing the financial capability.

11.6.2.3 While computing the balance works on hand pertaining to KPTCL, only those works which are being executed will be reckoned. The works which are commissioned will not be taken for computing the balance works on hand.

11.6.2.4 The Bidder shall stand disqualified if the total value of Works on hand including Contract against subject tender if awarded, exceeds 2 times the highest Annual Turn Over of the Bidder for the best 1 year during the preceding 5 years. For assessing the total commitments, the balance works on hand with KPTCL and other commitments of the Bidder which are considered for arriving annual turnover of Bidder's Company will be taken into account.

11.6.2.5 The bidder shall clearly furnish the details of the quantum of works to be executed with KPTCL duly indicating the financial progress as on the date of Bid opening and the

11.6.2.2 No change

11.6.2.3 While computing the balance works on hand pertaining to KPTCL, only those works where the financial progress is less than 50% shall be reckoned on the entire award amount.

11.6.2.4 The Bidder shall stand disqualified if the total value of Works on hand including Contract against subject tender if awarded, exceeds 2 times the MAAT (minimum average annual turn over).

11.6.2.5 No change

quantum of works on hand with the other clients and other commitments of the Bidder which are considered for arriving Bidder's Company annual turnover duly certified by the Company's Chartered Accountant.

11.6.2.6 In the event if the Bidder Fails to furnish the financial turnover and the financial commitments along with the offer or furnishes the incorrect information, the offers of such Bidders will be rejected summarily.

11.6.2.6 No change.

[Signature]
31/12
CEE (T&P)

~~DIRECTOR (TRANSMISSION)~~

[Signature]
31/12/09

~~DIRECTOR (FINANCE)~~

[Signature]
31.12.09

~~MANAGING DIRECTOR~~

[Signature]
31/12/09
M.D. KPTCL



CEE (T&P)

[Signature]
31/12
CEE/T & P
K. P. T. C. L.
31/12/2009

~~SFEZ (T&P)~~

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