



ODISHA POWER TRANSMISSION CORPORATION LIMITED
OFFICE OF THE GENERAL MANAGER (ELECT.)
E.H.T. CONSTRUCTION CIRCLE
QR.NO.C-5/1, GRIDCO COLONY, BHOINAGAR, BHUBANESWAR-751 022
PH./FAX.No.(0674) - 2546158.

TENDER SPECIFICATION NO: G.M., EHT(C) CIRCLE-BBSR-02/13-14

**BID DOCUMENTS FOR SUPPLY & FIXING OF REINFORCEMENT CEMENT
CONCRETE PILLARS & BARBED WIRE FENCING AROUND THE PROPOSED
LAND FOR CONSTRUCTION OF
220/33 KV GRID S/S AT KALIMELA**

START OF SALE OF TENDER SPECIFICATION FROM 10.30 A.M OF: 12.08.2013.

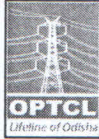
LAST DATE OF SALE OF TENDER SPECIFICATION: Up to 3:00 P.M of 22.08.2013.

LAST DATE OF SUBMISSION OF TENDER: Up to 3:00 P.M of 23.08.2013.

DATE & TIME OF OPENING OF TENDER: At 4:00 P.M of 24.08.2013.

PRICE: Rs.1,575/-

(☎) FAX. (0674) – 2546158 (G.M.)
(☎) (0674) – 2547463 (T.A.)



ODISHA POWER TRANSMISSION CORPORATION LIMITED
OFFICE OF THE GENERAL MANAGER (ELECT.)

E.H.T. CONSTRUCTION CIRCLE
QR.NO.C-5/1, GRIDCO COLONY, BHOINAGAR, BHUBANESWAR-22.

NOTICE INVITING TENDER

Advt. No.02/2013-14

Sealed tenders are invited from the experienced contractors for "Supply & fixing of RCC pillars & barbed wire fencing around proposed land for construction of (1) 220/33 KV Grid S/s at Kashipur (2) Malkangiri (3) Kalimela & (4) R.Udayagiri".

Cost of Tender paper (non-refundable) for individual S/s work = Rs.1500/- + 5% VAT = Rs.1575/-.

EMD 1% of the total quoted price for each S/s. Sale of Tender documents: from 12.08.13 to 22.08.13, from 10.30AM to 3.00PM. Tender documents can be available in the O/o. The G.M (Elect.), EHT (C) Circle, Bhubaneswar as well as at O/o. The A.G.M (Elect.), EHT (C) Division, Jeypore.

Last date of submission of tender: 23.08.13 up to 3.00PM at both the above offices (Bhubaneswar / Jeypore). Date of opening of tender: 24.08.13 at 4.00PM.

For details please visit our website: www.optcl.co.in.

Corrigendum if any will be published in the website only.

General Manager (Elect.)
E.H.T (C) Circle, Bhubaneswar.



ODISHA POWER TRANSMISSION CORPORATION LIMITED
OFFICE OF THE GENERAL MANAGER (ELECT.)
E.H.T.CONSTRUCTION CIRCLE: BIDYUT BHAWAN
QR.NO.C-5/1, GRIDCO COLONY, BHOINAGAR, BHUBANESWAR-751 022


TENDER SPECIFICATION NO. G.M., EHT (C) CIRCLE-BBSR-02/13-14

<u>Contents:</u>	1.	SECTION-I	:	Instruction to Tenderers.
	2.	SECTION-II	:	General Conditions of Contract.
	3.	SECTION-III	:	Technical Specification.
	4.	SECTION-IV	:	Annexure- I to VI.

No. _____/Dated, Bhubaneswar the,

Issued to:

M/s. _____


General Manager (Elect.)
E.H.T. Const., Circle, BBSR-22.

SECTION – I

INSTRUCTIONS TO BIDDERS

SECTION – I

INSTRUCTIONS TO BIDDERS:

1. Sealed Tenders in duplicate, complete with all details in the manner specified, together with the declaration form duly signed by the tenderer are to be submitted in the office of the General Manager (Elect.), E.H.T. (C) Circle, Qr.No.C-5/1, GRIDCO Colony, Bhoingar, Bhubaneswar – 751 022 in sealed cover and superscribed the relevant tender specification number and due date of opening as indicated in the tender notice as well as on the cover page of this specification.
2. The specification is divided into four sections: -
 - (i) Section – I – Instruction to Bidders.
 - (ii) Section – II – General Conditions of Contract.
 - (iii) Section – III – Technical Specifications.
 - (iv) Section – IV – Schedules and Forms, Annexures etc.
3. OPTCL reserves the right to alter the quantities with respect to materials / equipments / volume at the time of placing Work Orders. Work Orders may also be split up among more than one bidder.
4. Tenders will be opened in the office of General Manager (Elect.), E.H.T. (C) Circle, Qr.No.C-5/1, GRIDCO Colony, Bhoingar, Bhubaneswar – 751 022, in presence of such of the Tenderer or their authorized representative (limited to one person only with a valid authorization from his employer).
5. Only those who have purchased the copy of relevant “Specification No.G.M., EHT (C) Circle-BBSR-02/2013-14” can submit their tender. Tenders submitted by others will be rejected”.
6. OPTCL reserves the right to reject the lowest or any other tenders or all tenders without assigning any reason what so-ever if it is considered expedient in the overall interest of OPTCL, Bhubaneswar.
7. The tender should be submitted in person or by Registered Post with A.D. Any other means of delivery shall not be accepted.
8. Tenders received after due date and time shall be returned without being opened. Telegraphic or Fax Tenders shall not be accepted under any circumstance.

9. **EARNEST MONEY DEPOSIT:**

The tender shall be accompanied by Earnest Money Deposit of 1% of the tendered value in shape of Demand Draft to be drawn in favour of " E.H.T. Construction Circle, OPTCL, Bhubaneswar" subject to the condition mentioned below:

- (i) No interest shall be paid on Earnest Money Deposit.
- (ii) No adjustment towards Earnest Money Deposit shall be permitted against any outstanding amount with OPTCL, Bhubaneswar.
- (iii) In the case of un-successful tenderer, the Earnest Money will be refunded after finalization of tender. In case of successful bidder Earnest Money will be refunded only after furnishing Security Deposit.
- (iv) Earnest Money/ Security Deposit will be forfeited if the tenderer fails to accept the letter of intent and/or Work Orders issued in his favour.
- (v) Tenders not accompanied by Earnest Money shall be disqualified.

10. **Validity:** -

The tenders should be kept valid for a period of 120 days from the date of opening of the tenders as notified in the tender notice and subsequent amendment thereof failing which the tenders will be rejected.

11. Tenderers are required to submit tenders in the following manner. All documents / information's as described below shall be placed in a sealed cover.

- | | | |
|-------|----------------------------------|----------------|
| (i) | General Information - | Annexure – I |
| (ii) | Declaration Form - | Annexure – II |
| (iii) | Abstract of Terms & Conditions - | Annexure – III |
| (iv) | Experience Record | Annexure – IV |
| (v) | Litigation History | Annexure – V |
| (vi) | Schedule of price | Annexure – VI |

The tenderer must fulfill the following requirements and submit copies of the documents in support of the same along with their Tender.

- (i) Adequate experience in execution of civil works, fencing work with barbed wire, excavation & cement concreting foundation etc.
- (ii) S.T.C.C / VAT clearance / TIN & PAN No., Service Tax registration, contractors license & labour license etc. in favour of the tenderer.

The Tender should be accompanied by Earnest Money Deposit as per Clause-9 of this Section. Tenders not accompanied by Earnest Money Deposit shall be disqualified.

12. Bidders must quote their price in line with the specification and conditions. Any deviation from the above shall be considered as an alternate bid. Bids will be evaluated based on the main offer only.
13. (i) Overwriting shall be avoided.
- (ii) Overwriting, erasures and other changes shall bear the dated initial of the person signing the tender.
 - (iii) In the event of discrepancy or arithmetical error in the schedule of price the unit price shall prevail and the purchaser shall accordingly correct the total price. The above arithmetical correction shall be accepted but the decision of the OPTCL shall be final and binding on the tender.
 - (iv) For evaluation, the price mentioned in word shall be taken if there is any difference in figures and words in the price bid.
 - (v) The quoted price should be kept valid for 120 days from the date of opening of the tender. Bidders are requested to quote Firm price only.
 - (vi) Each page of the tender document shall be signed and sealed with official rubber stamp by the tender.
14. Price quoted should be inclusive of all taxes and duties etc excluding Service Tax.
15. If the tender documents / specification will be downloaded from OPTCL website, for which Rs.1,575/- only including VAT 5% will be deposited in shape of D.D. drawn in favour of "E.H.T. Construction Circle, OPTCL, Bhubaneswar" and to be furnished the same separately with tender specification.

SECTION – II

GENERAL CONDITIONS OF CONTRACT

SECTION – II

GENERAL CONDITIONS OF CONTRACT

1. DEFINITION OF TERMS:

In writing these General Conditions of Contract, the specification and bill of quantity, the following words shall have the meanings hereby indicated, unless there is something in the subject matter or content inconsistent with such construction.

“OPTCL” shall mean the Odisha Power Transmission Corporation Limited represented through the General Manager (Elect.), E.H.T. (C) Circle, Qr.No.C-5/1, GRIDCO Colony, Bhoingar, Bhubaneswar – 751 022.

“The Engineer in charge” shall mean the Engineer or Engineers authorized by the General Manager (Elect.), E.H.T. (C) Circle, Qr.No.C-5/1, GRIDCO Colony, Bhoingar, Bhubaneswar – 751 022 for the purpose of this contract.

“OPTCL Engineer” shall mean any Engineering person or personnel authorized by the OPTCL to supervise and inspect the fencing work.

“The Contractor” shall mean the successful bidder awarded with the contract or their successors and permitted assigns.

“Contract Price” shall mean the sum named in or calculated in accordance with the provisions of the contract as the contract price.

“General Conditions” shall mean these General Conditions of Contract.

“Specification” shall mean the specification annexed to these General Conditions of contract and shall include the schedules and drawings attached thereto or issued to the contract as well as all samples and patterns, if any.

“Month” shall mean calendar month.

“Writing” shall include any manuscript, type written, printed or other statement reproduced in any visible form whether under seal or under hand.

2. CONTRACT DOCUMENT:

The term "Contract" shall mean and include the General Conditions, specifications, schedules, drawings, work orders / purchase Orders issued against the contract, schedule of price or the final general conditions, any special conditions applying to the particular contract specification and drawings and agreement to be entered into. Terms and conditions not herein defined shall have the same meaning as are assigned to them in the Indian Contract Act falling that in the Orissa General Clauses Act.

3. MANNER OF EXECUTION:

- 3.1 Supply & fixing of cement concrete pillar with barbed wire fencing including all materials & labour of selected land for construction of 220/33 KV Grid S/s at Kalimela shall be carried out in an approved manner as outlined in the technical specification or where not outlined, in accordance with relevant Indian Standard Specification, to the reasonable satisfaction of the Engineer.
- 3.2 The contractor / supplier shall within 7 days after the date of acceptance of Work Order / Purchase Order, submit to the Engineer, a detail programme for the supply of materials & execution of work for his consent. The contractor shall whenever required by the Engineer also provide in writing for his information the general description of the arrangements and methods which the contractor / supplier proposes to adopt for the execution of the work.
- 3.3 If at any time it should appear to the Engineer that the actual progress of works does not conform to the program to which consent has been given under sub-clause-3.2, the firm shall produce at the request of the Engineer a revised program showing the modification to such program necessary to ensure completion of the works within the time of completion.

4. VARIATION, ADDITIONS & OMISSIONS:

The OPTCL shall have the right to alter, amend, omit or otherwise vary the quantum of modification (dismantling & erection) work by notice in writing to the contractor / firm. The contractor / firm shall carry out such variation in accordance with the rates specified in the contract so far as they may apply and where such rates are not available; those will be mutually agreed between the OPTCL and the contractor.

5. INSPECTION DURING ERECTION:

The Engineer- in-charge or his authorized representative (s) shall be entitled at all reasonable times to inspect and supervise and test during supply & fixing of cement concrete pillar with barbed wire fencing including all materials & labour of selected land for construction of 220/33 KV Grid S/s at Kalimela. Such inspection will not release the contractor / firm from their obligations under this contract, to perform as per specification and standard. Advance intimation must be given to Engineer-in-charge whenever it is needed prior to execution of work.

6. COMPLETION OF WORK:

Time being the essence of contract, the supply & fixing of cement concrete pillar with barbed wire fencing including all materials & labour of selected land for construction of 220/33 KV Grid S/s at Kalimela must be completed within 45 days from the issue of the Work Order.

6.1 TAKING OVER:

Upon receipt of intimation about completion of supply & fixing of cement concrete pillar with barbed wire fencing including all materials & labour of selected land for construction of 220/33 KV Grid S/s at Kalimela in all respect OPTCL Engineer-in-charge shall issue a taking over certificate in which he shall certify the date on which the welded wire mesh fencing has been so taken over. This certificate shall be issued within 30 days of the intimation received from the contractor.

The issuance of a taking over certificate shall in no way relieve the contractor / firm of his responsibility for the satisfactory completion of the work in terms of the specification.

7. CONTRACTORS DEFAULT LIABILITY:

The OPTCL may upon written notice of default to the contractor terminate the contract in circumstances detailed hereunder.

- (a) if, in the judgment of the OPTCL the contractor / firm fails the supply & fixing of cement concrete pillar with barbed wire fencing including all materials & labour of selected land for construction of 220/33 KV Grid S/s at Kalimela within the time specified in the contract agreement or within the period for which the OPTCL has granted extension to the contractor.
- (b) If, in the judgment of the OPTCL the contractor fails to comply with any of the provisions of this contract.
- (c) In the event OPTCL terminates the contract in whole or in part as provided in paragraph (a) & (b) above, OPTCL reserves the right to engage another contractor or agency upon such terms and in such a manner as he may deem appropriate and the contractor will be liable to the OPTCL for any additional costs as may be required for the completion of supply & fixing of cement concrete pillar with barbed wire fencing including all materials & labour of selected land for construction of 220/33 KV Grid S/s at Kalimela and/or for penalty for delay as defined under this contract until such reasonable time as may be required for the final completion of the above work.
- (d) In the event OPTCL does not terminate the contract as provided in paragraph (a) & (b) above, the contractor shall continue the performance of the contract in which case he shall be liable to the OPTCL for penalty for delay as set out in this contract until the supply of materials work is completed.

8. **FORCE MAJEURE:**

The contractor shall not be liable for any penalty for delay or for failure to perform the contract for reasons of FORCE MAJEURE such as acts of God, acts of public enemy, acts of Government, cyclone, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes provided that the contractor / firm shall within 10 (ten) days from the beginning of such delay notify the OPTCL in writing of the cause of delay. The OPTCL shall verify the facts and grant such extension as facts justify.

9. **REJECTION OF WORKS:**

In the event of any of the material supplied / work done by the contractor / firm is found defective in material or workmanship or otherwise not in conformity with the requirement of this contract specification, the OPTCL shall either reject the material and/or work and request the contractor to rectify the same. The contractor on receipt of such notices rectify or replace the defective material and rectifies the work, free of cost. If the contractor fails to do so the OPTCL may,

- (a) at its option replace or rectify such defective materials and/or work and recover the extra cost so involved from the contractor plus fifteen percent from the contractor and/or
- (b) terminate the contract for balance work/supplies with enforcement of penalty as per contract.

Defective materials/workmanship will not be accepted under any condition and shall be rejected outright without compensation. The contractor shall be liable for any loss/damage sustained by OPTCL.

10. **EXTENSION OF TIME:**

If the completion of supply & fixing of cement concrete pillar with barbed wire fencing including all materials & labour of selected land for construction of 220/33 KV Grid S/s at Kalimela is delayed due to reason beyond the control of the contractor, the contractor shall without delay give notice to the OPTCL in writing of his claim for an extension of time. The OPTCL on receipt of such notice may agree to extend the contract delivery date of the fencing work as may be reasonable but without prejudice to other terms and conditions of the contract

11. **GUARANTEE PERIOD:**

The work done / materials supplied by the contractor / firm as per the contract specification should be guaranteed for satisfactory operation and against any defect in material and workmanship for a period of 12 (twelve) months from the date of taking over of the fencing work by OPTCL. The above guarantee certificate shall be furnished in triplicate to General Manager (Elect.), E.H.T. Construction Circle, OPTCL, Bhubaneswar for his approval. Any defect noticed during this period should be rectified by the Contractor free of cost to OPTCL upon written notice provided such defects are due to bad workmanship or bad materials used. The date of completion of fencing work as read in this clause shall mean the date taking over the fencing by the Engineer.

12. **TERMS OF PAYMENT:**

The contractor shall present the final bill after completion of the work being duly inspected and verified by OPTCL Engineer-in-charge or his authorized representative. 100% value of the work done shall be paid within a period of one month on presentation of the final bills subject to taking over as per Clause-6.1, submission of guarantee certificate as per Clause-11 & furnishing of security deposit as per Clause-14 of this Work Order. Taxes & duties as applicable from time to time will be deducted from the bills at the time of releasing the payment. No running bill is permitted.

Asst. General Manager (Elect.), E.H.T. Construction Division, Jeypore shall be the Paying Officer for this work.

13. **LIQUIDATED DAMAGE FOR DELAY IN COMPLETION OF CONTRACT:**

If the contractor / firm fails to complete the work within the completion period specified in the work order or any extension granted thereto, the OPTCL shall recover from the contractor as penalty a sum of half of one percent (0.5%) of the contract price of the uncompleted portion of the work for each calendar week of delay. For this purpose, the date of taking over shall be reckoned as the date of completion. The total penalty shall not exceed 5% (five per cent) of the contract price of the uncompleted portion of work.

14. **SECURITY DEPOSIT:**

The contractor / firm shall furnish security deposit to this office in shape of cash / Demand Draft for an amount of 5% of the total work order value as a contract security within 10 days of receipt of work order failing which the work order is liable for cancellation. In case of deposit of security deposit through Demand Draft, the same should be made in favour of the "**E.H.T. Construction Circle, OPTCL, Bhubaneswar**" in any nationalized bank payable at Bhubaneswar. No interest shall be paid by OPTCL on the security deposit. The same will be refunded after satisfactory completion of work and the guarantee period as specified in the Clause-11. In case of non-fulfillment of contractual obligations and performance guarantee by the contractor the security deposit shall be **forfeited**.

15. **INSURANCE:**

The contractor shall arrange insurance coverage for the OPTCL materials at his custody and fencing work under execution as per the condition laid down in the relevant clause of the technical specification.

15.1 The contractor shall take up Group Insurance or such other measures for his work force covering the claim for damage arising under workmen's compensation act and other applicable State/Central laws. OPTCL shall not bear any responsibility on this account.

16. **PAYMENT DUE FROM THE CONTRACTOR:**

All costs of damages for which the contractor is liable to the purchaser will be deducted by the purchaser from any money due to the contractor under the contract.

17. **JURISDICTION OF THE HIGH COURT OF ORISSA:**

Suits, if any, arising out of this contract shall be filed by either party in a Court of Law to which the jurisdiction of the High Court of Odisha extends.

18. **CONTRACTORS RESPONSIBILITY:**

18.1 Notwithstanding anything mentioned in the specification or subsequent approval or acceptance of the fencing work by OPTCL, the ultimate responsibility for satisfactory performance of the work shall rest with the contractor.

18.2 **RESPONSIBILITY TO RECTIFY THE LOSS AND DAMAGE:**

If any loss or damage happens to the work or any part thereof or materials / plant / equipments for incorporation therein during the period of execution, contractor / firm is responsible for the same and shall at his own cost rectify / replace such loss or damage, so that the permanent work conforms in every respect with the provision of the contract to the satisfaction of the Engineer. The contractor shall also be liable for any loss or damage to the work / equipment caused by him in course of any operation carried out by him during performing the contract.

19. **NON-ASSIGNMENTS:**

The contractor shall not assign or transfer the work orders issued as per this contract or any part thereof to anyone else without the prior approval of OPTCL.

20. **CERTIFICATES NOT TO AFFECT RIGHTS OF OPTCL:**

The issuance of any certificate by OPTCL or any extension of time granted by OPTCL shall not prejudice the rights of OPTCL in terms of the contract nor shall this relieve the contractor of his obligations for due performance of the contract.

21. **SETTLEMENT OF DISPUTES:**

21.1 Except as otherwise specifically provided in the contract, all disputes concerning question of fact arising under the contract shall be decided by OPTCL provided a written appeal by the contractor is made to OPTCL. The decision of OPTCL shall be final to the parties hereto.

21.2 Any disputes or difference including those considered as such by only one of the parties arising out of or in connection with this contract shall be to the extent possible be settled amicably between the parties. If amicable settlement cannot be reached then all disputed issues shall be settled by Arbitration as provided in this contract.

22. ARBITRATION:

- 22.1 If at any time any question, dispute or difference whatsoever arises between the OPTCL and the contractor, upon or in relation to or in connection with this contract, either party may forthwith give to the other a notice in writing of the existence of such question, disputes or difference and the same shall be referred to the adjudication of three arbitrators, one to be nominated by OPTCL, the other by the contractor and the third by the President of the Institution of Engineers, India. If either of the parties fails to appoint its arbitrator, within sixty (60) days after receipt of notice for the appointment of its arbitrator then the President of the Institution of Engineers, India shall have the power at the request of either of the parties to appoint an Arbitrator. A certified copy of the "President" making such an appointment shall be furnished to both parties.
- 22.2 The arbitration shall be conducted in accordance with the provisions of Indian Arbitration Act, 1940 or any statutory modification thereof and shall be held at such place and time in India as the Arbitrators may determine. The decision of the majority of Arbitrators shall be final and binding upon the parties hereto and the expenses of the arbitration shall be paid as may be determined by the Arbitrators.
- 22.3 Performance under the contract shall if reasonably possible continue during the arbitration proceedings and payments due to the contractor by OPTCL shall not be withheld unless they are the subject matter of the arbitration proceedings.

23. LAWS GOVERNING CONTRACT:

The contract shall be constructed according to and subject to the Laws of India and jurisdiction of the Courts of Odisha.

24. LANGUAGE AND MEASURES:

All documents pertaining to the Contract including specifications, schedules, notices, correspondence, operating and maintenance instruction, drawings or any other writings shall be written in English language. The metric system of measurement shall be used exclusively in this contract.

25. CORRESPONDENCE:

- 25.1 Any notice to the contractor under the terms of the contract shall be served by registered mail or by hand to the authorized local representative of the contractor and copy by post to the contractor's principal place of business.
- 25.2 Any notice to OPTCL shall be served to the General Manager (Elect.), EHT (C) Circle, Qr.No.C-5/1, GRIDCO Colony, Bhoingar, Bhubaneswar -751 022 in the same manner.

26. **SECRECY:**

The contractor shall treat the details of the specification and other documents as private confidential and they shall not be reproduced without written authorization from OPTCL.

27. **AGREEMENT:**

The successful contractor shall have to enter into an agreement with the concerned Engineer-in-charge in the approved contract agreement form within 10 days of the receipt of the individual work order in the prescribed format on the non-judicial stamp paper of worth Rs.50/- (Rupees Fifty) only.

N.B.: Supply of materials and execution of works at the site will be done as per the drawing & instruction of the Engineer-in-charge.

SECTION – III

TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION

- 1) **Barbed wire:** It should be hot dip galvanizing / electroplating galvanizing. The barbed wire should be minimum 2 wires, twisted with 2nos. of spikes, spike to spike distance should be maximum 100mm. Main wire diameter should not be less than 1.7mm dia & spike wire dia should be minimum 1.5mm dia. The strength of horizontal wire shall not be less than 1150 Newton / mm² & for barbed wire should be minimum 700 Newton / mm². The breaking load for both the wires should be 4230 Newton. Approximate quantities of 1285 Kg barbed wire (2 ply-2.5mm² dia for each ply) are required for the work at 220/33 KV Grid S/s, Kalimela.
- 2) **Reinforcement Cement Concrete Pillar:** The cement concrete pillar size should not be less than 127X102X2300 (with every interval of 3mtr length for entire periphery 1100mtr). The pillar should be reinforced with minimum 6mm longitudinal rod of 4nos & the transverse rod should also be 6mm with a spacing of 300mm. It should have 7nos. of G.I hooks to support 7 layers of barbed wire for the work. RCC pillars required for 370 nos. (for proposed 220/33 KV Grid S/s, Kalimela).
- 3) **Excavation:** Excavation in hard soil for fixing of reinforcement cement concrete pillars with back filling which includes supply of labour, T&P materials etc. which should be done as per direction of the Engineer-in-charge, pit excavation of size 200X200X600mm & fixing charges for 370nos of post = $(0.2 \times 0.2 \times 0.6) \times 370 = 8.88$ Cum.
- 4) **P.C.C.:** P.C.C. in 1:3:6 for fixing of reinforcement cement concrete pillars includes all materials like cement, sand, chips etc. as well as including cost of mixing, laying & curing etc. with supply of all labour, T&P materials and as per direction of the Engineer-in-charge. The volume will be $\{(0.2 \times 0.2 \times 0.6) \times 370 - (0.127 \times 0.102 \times 0.6) \times 370\} = 6.004$ Cum with proper curing minimum for 10 days should be done by the firm / contractor.
- 5) The Contractor / firm has to quote their price for cement concrete pillars as well as barbed wire, binding wire etc inclusive of head loading, transportation, loading & un-loading, labour charges, all taxes & duties excluding Service Tax.

All the works assigned to be done as per instruction of Engineer-in-charge & as per technical specification.


General Manager (Elect.)
E.H.T. Construction, Circle, BBSR.

SECTION – IV

SCHEDULES AND ANNEXURES

ANNEXURE – I

GENERAL INFORMATION

The bidder shall furnish general information in the following format.

1. Name of the Firm:

2. Head office address:

3. Contact persons:

Telephone No.

Office:

Residence:

Fax No.

Telex:

4. Place of incorporation / Regn.

5. Year of incorporation / Regn.

SIGNATURE OF TENDER

NAME:

DESIGNATION (SEAL):

ANNEXURE – II
DECLARATION FORM

Tender Specification No. _____/

To,

Sir,

1. Having examined the above specification together with tender conditions referred to therein, I/We undersigned hereby offer to execute the work contract covered therein complete in all respect as per the specification and general conditions, at the rates entered in the attached contract schedule of prices in the tender. Our offer is valid up to 120 days from the date of tender opening and the prices, which are on firm basis, will remain valid for two years from the date of opening of tender.

2. I/We hereby undertake to have the works completed within the time specified in the tender.

3. I/We certify to have purchased a copy of the specification by remitting cash demand draft and this has been acknowledged by you in your letter No. _____ dtd. _____

4. In the event of work order being decided in my/our favour, I/We agree to furnish the Bank Guarantee in the manner acceptable to Odisha Power Transmission Corporation Limited and for the sum as applicable to me/us as provided in the general conditions of contract (Section-II) of this specification within 10 days of issue of Work Order, failing which I/We clearly understand that the said work order will be liable to be withdrawn by OPTCL.

Signed this day of2013.

Yours faithfully,

Signature with designation &
Seal of Tenderer.

(This form should be duly filled in by the tenderer and submitted along with the original copy of tender)

ANNEXURE – III

ABSTRACT OF TERMS AND CONDITIONS

1. Earnest Money furnished (a) Cash
(b) Demand Draft
2. Validity
3. Price
4. Rate of Sales Tax
5. Rate of other taxes/levies/duties
6. Nature of price: Firm
7. Terms of payment: Whether agreeable to OPTCL's terms or not? Yes / No
8. Schedule date of completion of work: Whether agreeable to OPTCL's terms. Yes / No
9. Guarantee: Whether agreeable to OPTCL's terms. Yes / No
10. Penalty: Whether agreeable to OPTCL's terms. Yes / No
11. Whether agreed to Technical Specifications and drawings: Yes/No
12. Contractor's name & address: Yes/No

SIGNATURE OF TENDERER

NAME:

DESIGNATION (SEAL):

ANNEXURE – IV

EXPERIENCE RECORD

The bidder shall furnish details of Work Orders for similar nature of work received during the last three years and already completed and under execution.

SI No	Work Order No. & Date.	Name & address of the authority placing order.	Value of contract.	Scheduled date of completion of work.	Lapses if any in executing the Work Order.	Remarks.
1	2	3	4	5	6	7

SIGNATURE OF TENDERER

NAME:

DESIGNATION (SEAL):

ANNEXURE – V

LITIGATION HISTORY

Name of the Applicant:

Bidder should provide information on any history of litigation or arbitration resulting from contracts executed in the last five years or currently under execution.

Year.	Award for or against bidder.	Name of client, cause of litigation and matter in dispute.	Disputed amount (Current value in Rs.).
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SIGNATURE OF TENDERER

NAME:

DESIGNATION (SEAL):

N.B.: In case no information is available, the bidder should mention 'NIL', otherwise, the bid shall be treated as incomplete and liable for rejection.

ANNEXURE – VI

SCHEDULE OF PRICES

Name of the work: Fixing of reinforcement cement concrete pillars and barbed wire fencing of proposed land for construction of 220/33 KV Grid S/s at Kalimela.

Sl. No.	DESCRIPTION.	UNIT.	QTY.	UNIT RATE (Rs.).	AMOUNT (Rs.).
1	Supply & erection work of RCC fencing pillar of size: 127X102X2300 (with every interval of 3 mtr length for entire periphery of 1100mtr inclusive of all taxes & duties as per technical specification & instruction of the Engineer-in-charge.	Nos.	370		
2	Supply of barbed wire (2 ply) & erection work at the worksite inclusive of all taxes & duties.	Kg.	1285		
3	Excavation in hard soil for fixing of RCC pillars including supply of all labour, T&P materials. (200X200X600mm) per pit excavation & fixing charges (0.2X0.2X0.6) X 370=8.88 cum as per technical specification & instruction of the Engineer-in-charge.	Cum.	8.88		
4	PCC 1:3:6 for fixing of RCC pillars including cost of mixing, laying and curing etc with supply of all labour T&P materials, inclusive cost of cement & as per the technical specification & direction of Engineer-in-charge {(0.2X0.2X0.6) X 370 – (0.127X0.102X0.6) X 370 = 6.004 cum.	Cum.	6.004		
5	Head loading from truck to the proposed land site (approx 300 mtr) inclusive of labour charges.	Nos.	370		
6	Transportation charges including loading & un-loading of concrete pillar & barbed wire etc from Kalimela to the proposed land site.	L.S.	L.S.		
TOTAL:					
(Rupees)					

SIGNATURE OF TENDERER

NAME:

DESIGNATION (SEAL):