

1. **ODISHA POWER TRANSMISSION CORPORATION LIMITED**
2. **OFFICE OF THE SENIOR GENERAL MANAGER**
3. **TELECOMMUNICATION CIRCLE, BHUBANESWAR**
4. **AT – SLDC BUILDING, NEAR 132/33 KV S/S, MANCHESWAR**
5. **P.O: MANCHESWAR RAILWAY COLONY, BHUBANESWAR,**
6. **DIST:- KHURDA, ODISHA, PIN- 751017**
7. **CIN – U401020R2004SGC007553**
8. **GST NO.-21AAACO7873L1Z6**
9. **E-mail – telc.cle.bbs@optcl.co.in , Contact no.: 9438907477**

**TENDER SPECIFICATION FOR TENDER CALL NOTICE No. 02/2024-25**

1. For
2. **“SUPPLY,INSTALLATION & COMMISSIONING OF GI CABLE TRAY AND IRON C-CHANNEL AT SLDC NEW BUILDING,**
3. **OPTCL, BHUBANESWAR”**
4. **Cost of tender paper = Rs. 6000/- +18%GST= Rs. 7080/-**
5. **(Rupees Seven Thousand Eighty only)**
6. **ISSUED TO :-**



1. **ODISHA POWER TRANSMISSION CORPORATION LIMITED**
2. **(A Government of Odisha Undertaking)**
3. **OFFICE OF THE SENIOR GENERAL MANAGER**
4. **TELECOMMUNICATION CIRCLE, BHUBANESWAR**
5. **AT – SLDC BUILDING, NEAR 132/33 KV S/S, MANCHESWAR**
6. **P.O.: MANCHESWAR RAILWAY COLONY, BHUBANESWAR,**
7. **DIST:- KHURDA, ODISHA, PIN- 751017**
8. **E-mail : telc.cle.bbs@optcl.co.in , Contact no : 9438907477**
9. **NOTICE INVITING TENDER**
10. **Advt. No. 02/2024-25**
11. Sealed tenders are invited by the undersigned from the Registered Contractors having valid License with I.T. PAN, GST Registration No. etc for **“SUPPLY,INSTALLATION & COMMISSIONING OF GI CABLE TRAY AND IRON C-CHANNEL AT SLDC NEW BUILDING,BBSR**
12. Cost of Tender Paper: **Rs : 7080/-**(including GST)
13. EMD:  **1% of the Estimated Cost i.e.Rs.11554/-**
14. Sale of Tender documents: **From Dt.09.01.2025 to 22.01.2025 (10:00 A.M. to 5:00 P.M.).**
15. Last date of submission of tender: **Dt. 24.01.2025 up to 1.00 PM.**
16. Date of opening of tender: **Dt. 24.01.2025 at 4.00 PM**
17. **For details please visit our web site:** www.optcl.co.in
18. Corrigendum if any will be published in the web site only.
19. **Senior General Manager,**
20. **Telecommunication Circle,**
21. **Bhubaneswar.**

**TENDER SPECIFICATION FOR TENDER CALL NOTICE No. 02/2024-25**

**OF TELECOMMUNICATION CIRCLE, BHUBANESWAR-17**

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| 6 | COST OF TENDER PAPER | Rs.7080/- (Rupees Seven Thousand Eighty only )including GST (18%) by Cash/ Bank Draft drawn in favour of Telecommunication Circle, OPTCL, Bhubaneswar payable at Bhubaneswar, Odisha. (**Nonrefundable**) |
| 7 | E.M.D | 1 % of the total estimated cost (Rs.11554/-) in shape of bank draft drawn in favour of Telecommunication Circle, OPTCL, Bhubaneswar , payable at Bhubaneswar, Odisha. |
| 8 | SALE OF TENDER PAPER | **From Dt.09.01.2025 to Dt.22.01.2025 (10:00 A.M. to 5:00 P.M.). on working days only** available in the office of the Senior General Manager, Telecommunication Circle, OPTCL, Bhubaneswar. |
| 9 | LAST DATE OF RECEIPT OF TENDER PAPER | **Dt.24.01.2025 up to 1.00 PM.** |
| 10 | DATE & TIME OF OPENING OF TENDER | **Dt.24.01.2025 at 4.00 PM.** |
| 11 | Tender posted by the registered post to should be reached at**:** | **OFFICE OF SENIOR GENERAL MANAGER, TELECOMMUNICATION CIRCLE,OPTCL, BHUBANESWAR, AT – SLDC BUILDING, NEAR 132/33 KV S/S, MANCHESWAR, P.O.- MANCHESWAR RAILWAY COLONY, BHUBANESWAR, DIST:- KHURDA, ODISHA, PIN- 751017** |

**SECTION - I**

**(INSTRUCTION TO TENDERERS)**

**1.** Sealed tenders in duplicate duly super scribed as “**TENDER AGAINST TENDER CALL NOTICE No. 02/2024-25** are invited from registered service providers / contractors for the work **“SUPPLY,INSTALLATION & COMMISSIONING OF GI CABLE TRAY AND IRON C-CHANNEL AT SLDC NEW BUILDING,BBSR**” as per the technical specification enclosed which should be received in this office on or before **1.00 P.M. Dt.24.01.2025** and the same shall be opened on dt.**24.01.2025** at 4:00 PM in presence of the tenderers or their authorized agents. Tenders received after **1.00 P.M** on Dt.**24.01.2025** will not be accepted since the tender box will be closed at 1.00 P.M. The bidders must possess Valid GST No., PAN.

2. Tenders shall be submitted in duplicate signed in each page by the authorized signatory in a sealed cover envelope addressed to the **SENIOR GENERAL MANAGER, TELECOM. CIRCLE, OPTCL, BHUBANESWAR, AT–SLDC BUILDING, NEAR 132/33 KV S/S, MANCHESWAR, P.O.- MANCHESWAR RAILWAY COLONY, BHUBANESWAR, DIST:- KHURDA, ODISHA, PIN- 751017.** All documents submitted along with the tender must be signed and certified by the authorized signatory of the bidder.

3. No telegraphic tenders / forwarding by FAX will be accepted.

4. This office will not be responsible for non-receipt/late receipt of the tender documents due to postal delay.

5. The tenders shall be furnished strictly as per the terms and conditions of the tender specification. Incomplete tenders will be rejected.

6. The Authority may alter the quantum of work at the time of placing orders.

7. Only those, who have purchased the tender specification from this office by their name/Firm’s name, can submit their tender. Tenders submitted by others will be rejected.

8. Tenders will be submitted in person/by registered post with A.D. Tenders submitted by any other means shall not be accepted. Postal delay shall not be considered. Tenders received after due date and time shall be returned un-opened.

9. (i) The tender shall be accompanied with earnest money 1 % of the total estimate cost i.e.Rs.11554/- in shape of Bank draft drawn in favour of **Senior General Manager**, **Telecommunication Circle, OPTCL, Bhubaneswar payable at Bhubaneswar Odisha**, without which their tender shall be rejected. Cheques will not be accepted.

(ii) No interest shall be paid on E.M.D and shall be returned to the bidder after finalization of the tender & award of W.O to the successful tenderer.

10. The Authority reserves the right to reject the lowest or any other tender or all tender without assigning any reason what-so-ever.

11. Offers should be neatly typed without any overwriting and corrections. In case of any correction, the same should be authenticated with signature of the authorized person.

12. In the event of discrepancy or arithmetical error in the bid, the decision of the purchaser shall be final and binding on the tenderer.

13. For evaluation, the price mentioned in words shall be taken in to account, if there is any difference in figure and words in the price bid.

14. Conditional tender shall not be accepted and no discount other than the quoted price will be allowed as mentioned in the original offer.

15. The tenderers are advised to visit the site and make themselves acquainted with the site conditions before submission of tender.

16. Tenders shall be kept valid for a maximum period of 180 days from the date of opening of tender.

***In case of the bidders from Odisha based micro, small enterprises (MSEs), and start- up enterprises registered under District Industries Centres of Odisha, OSIC and/or NSIC, the tender paper shall be provided free of cost, provided the valid MSME UDYAM and NSIC Registrationcertificateasper“RequiredProofofDocumentsunderTechnicaleligibilitycriteriaaresubmitted,failingwhichthetendershallberejected***

**Senior General Manager**

**Telecom Circle, BBSR**

**SECTION-II**

**GENERAL CONDITIONS OF CONTRACT & TECHNICAL SPECIFICATION (GTCC)**

1. **Scope of the contract:**

The scope of the contract shall be to design, manufacture, supply of equipment as per the specification at the consignee’s site, and rendering services in accordance with the enclosed technical specification and bill of quantity.

**Area of Work:**

**Total Area = 1752 sq.ft / 533 mtr**

|  |  |  |
| --- | --- | --- |
| **Sl. no** | **FLOOR WISE BREAKUP** | **Quantity** |
| 1 | Ups Room & Ground Floor Electrical Panel Room #2 to OFC Cable Duct as per approved drawing. | **Total Length = 533 Mtr.**  1-  (width-300mm,height-50mm,Length-2500mm,  Thickness-2mm,cover thickness-1.6mm) = **473Mtr**  &  2-  (width-150mm,height-50mm,Length-2500mm,  Thickness-2mm,cover thickness-1.6mm)= **60 Mtr** |
| 2 | Ground Floor Panel Room #2 OFC duct to Second floor Vertical Cable Duct. |
| 3 | Second floor Panel Room #2 OFC Cable duct to OFC work station room, UNMS Room, OFC Room, DTS Room, Server room etc. |
| 4 | Server room to second floor Cable duct of Electrical Panel Room #1 as per approved drawing. |
| 5 | Second floor OFC Cable duct of Electrical Panel Room #1 to fourth floor Vertical Cable duct. |
| 6 | Fourth floor Electrical Panel Room #1 to Control room area |
| 7 | Fourth floor Electrical Panel Room #1 to to Roof top of 5th floor |
| 8 | Iron C-Channel to prepare a platform from the Ground Level to the Elevation floor level  (**H=620 mm, W= 620 mm, L=3657.6 mm)** | **30 Meter** |

**Volume of work:**

**A-Supply**

GI Cable tray and Iron C channel should be selected from a reputed brand (SAIL,Jindal,TATA etc)

1. GI Hot dip perforated type cable tray with GI Cover including coupler plates and accessories i.e threaded rod, Fasteners, bends, joints (T, L, +, curve). Tray width-300mm, height-50mm, Length-2500mm,Thickness-2mm, cover thickness-1.6mm
2. GI Hot dip perforated type cable tray with GI Cover including coupler plates and accessories i.e threaded rod, Fasteners, bends, joints (T, L, +, curve).Tray width-150mm, height-50mm, Length-2500mm,Thickness-2mm, cover thickness-1.6mm
3. Iron C Channel (4 inches regular size) width-100mm, height-50mm, Thickness-5mm

**B- Service**

Supply and erection of GI cable tray and Iron C Channel for new SLDC building at SLDC Building, Mancheswar-751017.

Details

1. Fabrication and erection of GI hot dip perforated type cable trays
2. Ups Room & Ground Floor Electrical Panel Room #2 to OFC Cable duct as per approved drawing.
3. Ground Floor Panel Room #2 OFC duct to Second floor Vertical Cable Duct.
4. Second floor Panel Room #2 Cable Duct to OFC work station room, UNMS Room, OFC Room, DTS Room, Server room etc.
5. Server room to second floor Cable duct of Electrical Panel Room #1 as per approved drawing.
6. Second floor OFC Cable duct of Electrical Panel Room #1 to fourth floor Vertical Cable duct.
7. Fourth floor Electrical Panel Room #1 to Control room area
8. Fourth floor Electrical Panel Room #1 to to Roof top of 5th floor
   1. Fabrication and erection of MS C-Channel supported with Anchor bolt from the ground level to the elevation floor level

One year onsite comprehensive warranty

**FINACIAL VIABILITY:-**

1. Financial Ratio :-IT returns for last three years.
2. Audited trial balance & balance sheet for last three years.

3. The track record of the bidders should be clean and it should not have any involvement

inillegal activities or financial frauds

4. The Bidder must have their own Bank Account

1. **Definition of terms:**

For the purpose of this specification and General Terms and Conditions of contract [GTCC], the following words shall have the meanings hereby indicated, except where otherwise described or defined.

* 1. “The Purchaser” shall mean the General Manager, Telecom Division, Bhubaneswar on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD as Paying Authority.
  2. “The supplier” shall mean the bidder whose bid has been accepted by the purchaser and shall include the bidder’s executives, administrators, successors and permitted assignees.
  3. “**Consignee** shall mean the person who looks after the overall areas .
  4. “**Verifying Officer”** shall mean who verify the bills.

2.5 “Equipment” shall mean and include all machinery, apparatus, materials, and articles to be provided

under the contract by the suppliers

2.6 “Contract Price” shall mean the sum named in or calculated the bid.

2.7. “General Condition” shall mean these General Terms and Conditions of Contract.

2.8 The Specification shall mean both the technical as well as commercial parts of the specification annexed to or issued with GTCC and shall include the schedules and drawings, attached there as well as all samples and pattern, if any.

2.9 “Month” shall mean “Calendar month”.

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

2.11. “For Destination costs” shall mean the cost of equipment and material at the consignee’s store/site. The cost is inclusive of packing, forwarding, insurance, freight charges and GST.

2.12 The term “Contract document” shall mean and include GTCC, specifications, schedules, drawings,

and form of tender, Notice Inviting Tender, covering letter, schedule of prices or the final General

Conditions, any special conditions, applicable to the particular contract.

2.13 Terms and conditions not here in defined shall have the same meaning as are assigned to them in

the Indian Contract Act, failing that in the Orissa General Clauses Act.

**3. MANNER OF EXECUTION:**

**(i) SUPPLY OF MATERIAL** :-All required materials to be used for installation & commissioning of cable tray and channel(c type) shall be supplied by contractor, which should be of good quality and reputed brand. All materials supplied under the contract shall be manufactured in the manner, set out in the specification or where not set out, to the reasonable satisfaction of the Purchaser’s representative.In no case, extra cost will be paid towards transportation,handing over, storage and overhead expenses against each supply. Any complaint for utilization of sub-standard materials / non-providing of material for execution of the work will be liable for replacement of such materials. Only best quality materials from renowned, manufacturers shall be considered.The materials should be supplied within 30days from the date of issue of order.

**(ii) INSTALLATION & COMMISION**:-Installation & commissioning of material shall be completed within 60 days from the date of issue of the order / LOA by the expert personnel. The installation & commissioning of the must be verified by the concerned officer & defect if any noticed to be rectified by the service provider on immediate basis.

4. **SUBMISSION OF SAMPLE:The bidders are requested to submit one sample of perforated GI Cable Tray on or before tender opening date.** The samples of all bidders shall be scrutinized by a sample scrutiny committee to be constituted by the purchaser. If required, the bidder or their authorized representatives may be informed to remain present during scrutiny of samples. The date of sample scrutiny will be intimated to the bidders in due course. Samples shall be evaluated on the basis of the quality of materials as per the technical specifications the Bidder whose samples are approved by the committee,shall be considered for price comparison. ***In no case, the bidders shall be allowed for change of sample.***

**5.** **REJECTION OF MATERIALS.**

In the event any of the equipment’s/material supplied by the manufacturer is found defective due to faulty design, bad workmanship, bad materials used or otherwise not in conformity with the requirements of the Specification, the Purchaser shall either reject the equipment/material or ask the supplier in writing to rectify or replace the defective equipment/material free of cost to the purchaser.

**6. LANGUAGE AND MEASURES:**All documents pertaining to the contract including specifications, schedule, notices, and correspondence, operating and maintenance instructions. Drawings or any other writing shall be written in English language. The metric system of measurement shall be used exclusively in this contract.

7. **RIGHT TO REJECT/ACCEPT THE TENDER**:

The purchaser reserves the right either to reject or to accept any or all tenders if the situation so warrants in the interest of the purchaser. Orders may also be split up between different Tenderers on individual merits of the Tenderer. The purchaser has exclusive right to alter the quantities of materials/ equipment at the time of placing final purchase order. After placing of the order, the purchaser may defer the delivery of the materials. It may be clearly understood by the Tenderer that the purchaser need not assign any reason for any of the above action [s].

In case of performance being found to be unsatisfactory and the contractor does not respond to the

complaint of OPTCL Authorities, the contract for the entire work shall be terminated forthwith.

# 8. DELIVERY

1. Time being the essence of the contract; the equipment shall be supplied within the delivery period, specified in the contract. The Purchaser, however, reserves the right to reschedule the delivery and change the destination if required.The delivery period shall be reckoned from the date of placing the Letter of Intent/Purchase order, as may be specified in LOI / Purchase order.

**The desired delivery period shall be from 30(thirty)days of placing order**

# 9. DESPATCH INSTRUCTIONS.

1. The equipment / materials should be securely packed and dispatched directly to the specified site at the supplier’s risk by Road Transport only after getting dispatch clearance from the purchaser.
2. **Loading & unloading of Ordered Materials.**

It will be the sole responsibility of the supplier for loading and unloading of materials both at the factory site and at the destination site/store. The Purchaser shall have no responsibility on this account

10. **FORCE MEAJURE** :The supplier 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 the public enemy, acts of Govt., Fires, floods, epidemics, Quarantine restrictions, strikes, Freight Embargo and provided that the supplier shall within Ten (10) days from the beginning of delay on such account notify the purchaser in writing of the cause of delay. The purchaser shall verify the facts and grant such extension, if facts justify.

**11**. **EXTENSION OF TIME**:-

If the delivery of equipment/material is delayed due to reasons beyond the control of the supplier,

the supplier shall without delay give notice to the purchaser in writing of his claim for an extension of time. The purchaser on receipt of such notice may or may not agree to extend the contract delivery date as may be reasonable but without prejudice to other terms and conditions of the contract.

**12.** **GUARANTEE PERIOD: -**

* 1. The materials are gurantteed for 18 [Eighteenth] months from the date of supply of material or 12(Twelve) Months from the date of installation whichever is earlier. The above guarantee certificate shall be furnished in triplicate to the purchaser for his approval. Any defect noticed during this period should be / replaced by the supplier free of cost to the purchaser provided such defects are due to faulty design, bad workmanship or bad materials used, within one month upon written notice from the purchaser failing which provision shall apply.
  2. Equipment/material failed or found defective during the guarantee period shall have to be guaranteed after replacement for a further period of 12 months from the date of commissioning . The Bank Guarantee is to be extended accordingly.

**13. FREE REPLACEMENT:**Free replacement of materials lost/ damaged during transit shall be made immediately on receipt of the intimation from the consignee/ Paying Officer without waiting for settlement of the claim of bidders with Railway/Lorry/Insurance Company

# 14. B.G. TOWARDS SECURITY DEPOSIT, 100% PAYMENT AND PERFORMANCE GUARANTEE:

1. For manufacturers & suppliers situated Inside & outside the state of ODISHA,

A **Composite Bank Guarantee** towards **Performance Security Deposit** for **10% [ten percent]** of the total landing cost (Taxable Value plus GST thereon) of the purchase order

(in case of successful bidder who is a local Micro and small Enterprise(MSEs) in the state of Odisha registered with respective DICs,Khadi,Village,Cottage & Handicraft industries OSIC and NSIC 5% shall be furnished from any nationalized/scheduled bank having a place of business at Bhubaneswar, drawn in favour of the office of **Senior General Manager (T/C) Circle, Bhubaneswar** within 15 days from the date of issue of the purchase order. The BG shall be executed on non-judicial stamp paper worth of **Rs.100.00 [Rupees One Hundred]** only or as per the prevalent rules, valid for a period of 2 months more than the Guarantee Period, for scrutiny and acceptance, failing which the supply order will be liable for cancellation without any further written notices. The BG should be accompanied by a confirmation letter from the concerned bank and should have provision for encashment at Cuttack, before the Bank Guarantee is accepted and all concerned intimated. The B.G should be revalidated as and when intimated to you to cover the entire guarantee period.If firm fails to furnish CPBG ,the amount equivalent to CPBG shall be deducted from first bill of the firm.

1. No interest is payable on any kind of Bank Guarantee.
2. In case of non-fulfillment of contractual obligation, as required in the detailed purchase order/Specification, the composite Bank guarantee shall be forfeited.
3. The Bank Guarantee Format is provided at **Annexure-XI**
4. The aforesaid BG shall be returned to the Contractor after successful completion of the guaranteed obligations under the contract

**15**. **TERMS OF PAYMENT.**

1. **PAYING AUTHORITY**: GM (TC.), Telecom Division, OPTCL ,BBSR
2. **CONSIGNEE** : AGM(TC), Telecom Sub-LDC, OPTCL, BBSR is the consignee of the overall areas
3. **VERIFYING OFFICER** : Junior Manager, TC, SLDC, OPTCL, BBSR will be the Verifying Officers.
4. **100%** of the contract price including GST on production of GST Invoice with HSN code and after installation & commissioning of the supplied materials in desired location and verification thereof, subject to furnishing and approval of guarantee certificate and CPBG equivalent to 10% of the purchase order.If fails to furnish the CPBG,then amount equal to CPBG shall be deducted from the bill of firm**.**

**16. PRICE REDUCTION FOR DELAY IN COMPLETION OF CONTRACT:-**

I) If the Supplier fails to deliver the materials/equipment within the delivery schedule, specified in the contract including delivery time extension, if any, granted there to, the Purchaser shall recover from the Supplier, price reduction for a sum of half percent (0.5 percent) of the Ex-works price of the un-delivered equipment for each calendar week of delay or part thereof. For this purpose, the date of receipted Chelan shall be reckoned as the date of delivery. The total amount of price reduction shall not exceed five percent (5%) of the ex-works price of the unit or units so delayed. Equipment will be deemed to have been delivered only when all its components and accessories as per technical Specification are also delivered. If certain components & accessories are not delivered in time, the equipment will be considered delayed until such time as the missing parts are delivered.

II) If the Supplier fails to rectify /replace the equipment/material within 30 days from the date of intimation of the defect, so noticed by the purchaser within the guarantee period then the price reduction for (0.5%) of the total order amount for each calendar week of delay shall be recovered by the purchaser within the guarantee period. For this purpose, penalty date will start from the 30th. day from the date of issue of letter on defectiveness of equipment/material, so supplied, by the purchaser. The total amount of price reduction in this case shall not exceed 10% (TEN PERCENT) of the purchase order amount. The purchase order amount shall mean ex-works price + freight & insurance and all taxes & duties. If the defects so intimated within the guarantee period will not be rectified by the Supplier within the stipulated period as per clause 9 (i), then whole of the retention amount will be forfeited by the purchaser, without any intimation to the Supplier.

**17. PAYMENT DUE FROM THE SUPPLIER**:-

All costs and damages, for which the supplier is liable to the purchaser, will be deducted by the purchaser from any money, due to the supplier, under any of the contract (s), executed with OPTCL.The Contractor is fully responsible and liable for any loss or damage of equipment / materials during supply. Full cost of damages caused to equipment / materials during execution of work, will be borne by the Contractor & in no case OPTCL or its Authorities shall be liable

**18. VALIDITY.**

Prices and conditions contained in the offer should be kept valid for a minimum period of 60

days from the date of opening of the tender, failing which the tender shall be rejected.

**19**. **EVALUATION.**

**(i)** Evaluation of bids will be on the basis of the total price (supply and erection charges including GST).

**20**. **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 High court of Orissa extends.

If awarded the contractor has to acknowledge acceptance of the work order within 07 (seven) days

from the date of issue as a token of acceptance and consent to carry out the work as per the terms

condition laid as in work order / tender specification with a understanding of the literally

meaning of all the terms of conditions in the LOI / Work Order.

**21**. **OUTRIGHT REJECTION OF TENDERS: -** The tenders shall be liable for outright rejection if the

following have not been complied

* 1. Tenderers should have purchased the tender from the office of the SGM (TC), Telecom Circle, BBSR in his own or Firm's name.
  2. Tenders shall be submitted in person or by Registered post with A.D. and received before the time fixed for receipt of tender.
  3. Tenders shall not be submitted telegraphically or by FAX.
  4. Tenders shall be accompanied with the prescribed earnest money deposit.
  5. Tenders shall be kept valid for a maximum of 180 days from the date of opening of the tender.
  6. Tenders shall be accompanied with clear valid attested Xerox copy of GST registration & clearance certificate, PAN card, which must be valid on the date of opening of the tender. All copies of documents and each page of the tender must be signed by the authorized representative of the bidders.
  7. The tender shall not be conditional.
  8. Tenders shall be submitted in duplicate.

**SENIOR GENERAL MANAGER**

**TELECOM CIRCLE, BBSR.**

**SECTION-III**

**SCHEDULE OF QUANTITY ALONG WITH DELIVERY SCHEDULE**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Sl.***  ***No*** | ***Description of Material*** | ***Unit*** | ***Qty*** |
|  | **Supply of Perforated type Hot Dipped GI CableTrays of different sizes as per specification** |  |  |
| **1.** | **Perforated CableTray (Dimensions in mm)** |  |  |
| a) | (Tray Width-300 mm, Height-50 mm, Length-2500 mm,  Thickness-2mm,) With cover thickness-1.6mm) | Mtr | **473** |
| b) | (Tray Width-150 mm, Height-50 mm, Length-2500 mm,  Thickness-2mm) With cover thickness-1.6mm) | Mtr | **60** |
| c) | Iron C channel 4 inches regular size  (100mm\*50mm\*5mm) | Mtr | **30** |

**DELIVERYSITE:**

1. **Address: SENIOR GENERAL MANAGER, TELECOM. CIRCLE, OPTCL,**

**BHUBANESWAR, AT-SLDC BUILDING, NEAR 132/33KV S/S,**

**MANCHESWAR RAILWAY COLONY, BHUBANESWAR, DIST-**

**KHURDA, ODISHA, PIN-751017**

1. **PayingOfficer: GM(Telecom),Division,Bhubaneswar**
2. **Consignee: AGM(Telecom) SUB-LDC,Bhubaneswar**

**.**

**PART I(SECTION-IV)**

**TECHNICAL SPECIFICATION FOR SUPPLY OF PERFORATED GI CABLE TRAYS & IRON C CHANNEL AT SLDC NEW BUILDING ,BBSR**

1. **SCOPE:**

This specification covers the design, manufacture, assembly, inspection, testing, packing and delivery of **perforated GI cable trays of different sizes** as per the relevant Indian Standards and the details mentioned in the Technical Specification. The material offered shall be complete with all components that are necessary for efficient operation. Such parts shall be deemed to be within scope of the supply whether specifically mentioned or not. The equipment shall confirm in all respect to the highest standard of engineering, design, and workmanship and shall be capable of performing trouble free continuous operation

# CLIMATIC CONDITIONS:

The overall climate is moderate hot, humid, tropical, highly polluted and conducive to rust and fungus growth.~~t~~he climatic conditions are prone to wide range of variation in ambient conditions. The materials offered shall be suitable for installation at any of the switchyards and EHT lines of Odisha State.

# SYSTEM PARTICULARS:

* 1. Nominal System Voltage:415V
  2. Highest System Voltage:457 V

3.4 Lowest System voltage: 374 V

* 1. Number of phases: 3
  2. DC Voltage: 48 V
  3. System earthing: Effectively earthed.
  4. Single-PH AC -230 V
  5. Three-PH AC: 415V
  6. Networking Cable/ Signal Cable.

1. Material: Hot dip Galvanized Iron of SAIL/TATA/JSPL Zinc: Hindustan Zinc Limited
2. CableTray Size:

300mm(Width)x50mm(height of both side)x2mm(Thickness) 150mm(Width)x50mm(height of both side)x2mm(Thickness) Standard length of Cable Tray : 2.5 meters

1. Physical: Well fabricated & acceptable surface finish.
2. Tests:The material shall confirm to the following tests
3. Chemical composition test as per IS2062(2006) Grade A
4. Mechanical test as per IS2062
5. Galvanizing test as per I.S.6745, 2629, 2633, 4759.
   1. Uniformity of Zinc
   2. Adhesiontest
6. Massofzinc
7. Thickness of Zinc
8. **Design and workmanship**.
9. The perforated cable trays shall be hot dip galvanized according to IS-2629, BS-729-1971 or equivalent standard suitable for indoor/outdoor use having moderate humidity and air pollution.
10. The zinc coating thickness shall work out by applying a 610 gm of zinc per square meter surface with an approximate thickness of 80 microns.
11. The zinc coating shall be smooth, clean and uniform thickness and free from defects like ash and dross inclusions, bare patches, black spots, pimples, lumpiness, rust stains, blisters etc.
12. The galvanizing shall not adversely affect the mechanical properties of the coated material.
13. All manufacturing process including punching, cutting, bending and welding of perforated cable trays shall be completed and burrs shall be removed before the application of galvanization process is applied.
14. The joints of two trays shall be butt construction and shall be made with the help of coupler plates by nuts and bolts. The coupler plate and nuts and bolts shall also be properly hot dip galvanized.
15. The perforated trays shall be free from sharp edges and burns etc. so that joint between two trays shall be without any clearance and matched in proper shape.
16. Galvanising: All cable trays, tray accessories, etc. shall be hot dip galvanized should the galvanizing of the samples be found defective the entire batch of steel shall be re-galvanized at bidder's cost.

# STANDARDS:

The equipment shall conform to the latest applicable Indian standard and their amendments. The equipment complying with any authorized international standard will also be considered if it ensures performance equivalent to or superior to Indian standards. In the event of supply of equipment confirming to any internationally recognized standard other than the Indian standards, the salient features of comparison shall be brought out.

Unless otherwise specified it should conform to the latest applicable Indian Standards and in particular to the following:

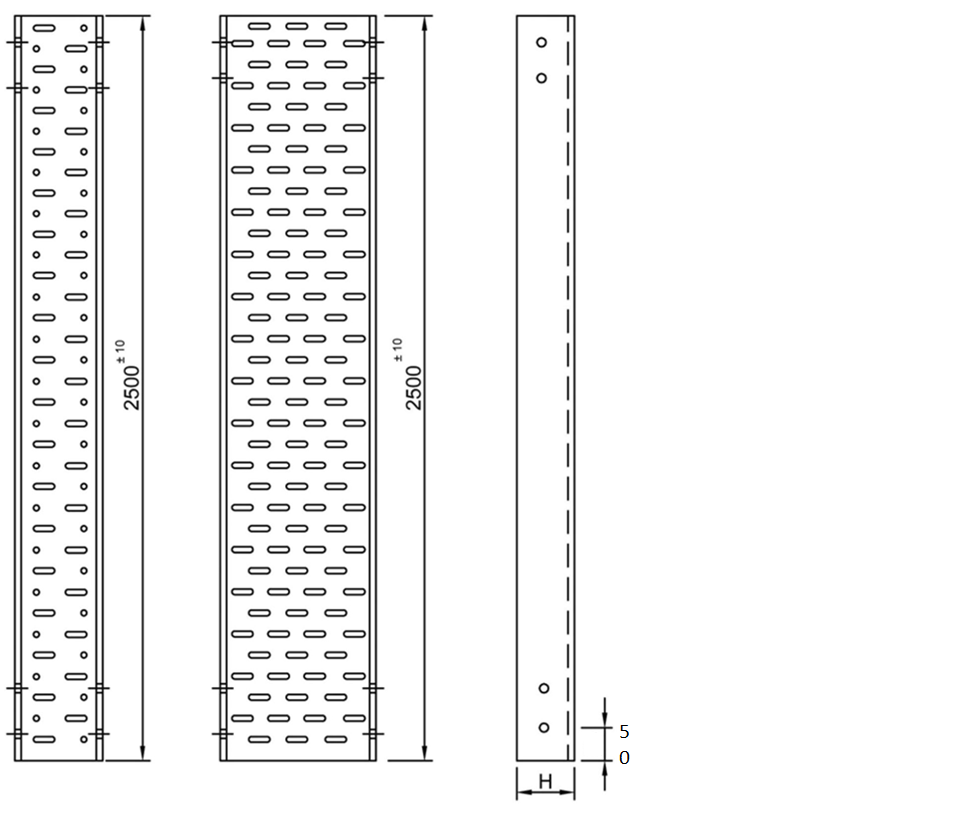
|  |  |  |
| --- | --- | --- |
| **Sr.**  **No** | **INDIAN**  **STANDARDS** | **TITLE** |
| **1** | **IS4759–1996**  **(Reviewed2021)** | **Hot–DipZincCoatingonStructuralSteelandOther Allied**  **Productivity.** |
| **2** | **IS2629-1985**  **(Reviewed2021)** | **Recommendedpractice forhotdipgalvanizingof ironandsteel** |
| **3** | **IS2633-1986**  **(Reviewed2021)** | **MethodsforTestingUniformityofCoatingofZincCoatedArticles** |
| **4** | **IS1387–1993**  **(Reviewed2019)** | **GeneralrequirementsforsupplyofMetallurgical Materials** |
| **5** | **IS2062-2011**  **(Reviewed2021)** | **HotRolledMediumandHighTensileStructuralSteel—**  **Specification** |
| **6** | **IS10748:2004**  **(Reviewed2021)** | **Hot-Rolledsteelstripforweldedtubesandpipes- Specification**  **(SecondRevision)** |
| **7** | **IS13229:1991**  **(Reviewed2019)** | **Zincforgalvanizing-Specification** |
| **8** | **IS209:1992**  **(Reviewed2023)** | **Zincingot-Specification(FourthRevision)** |
| **9** | **IS6159:1998**  **ReviewedIn:2021** | **Recommendedpractice fordesignandfabrication ofironandsteel**  **productspriortogalvanizingandmetalspraying(SecondRevision)** |
| **10** | **IS6745:1972**  **ReviewedIn:2021** | **Methodsfordeterminationofmassofzinc coatingonzinc coated**  **ironandsteelarticles** |

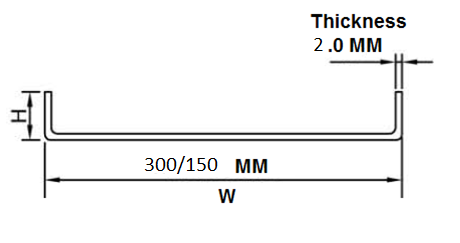
**10.PACKING AND FORWARDING.** The equipment shall be packed in crates suitable for vertical / horizontal transport, as the case may be and suitable to withstand handling during transport and outdoor storage during transit. The supplier shall be responsible for any damage to the equipment during transit, due to improper and inadequate packing. The easily damageable material shall be carefully packed and marked with the appropriate caution symbols. Wherever necessary, proper arrangement for lifting, such as lifting hooks etc. shall be provided. Any material found short inside the packing cases shall be supplied by supplier without any extra cost.Each consignment shall be accompanied by a detailed packing list containing the following information:

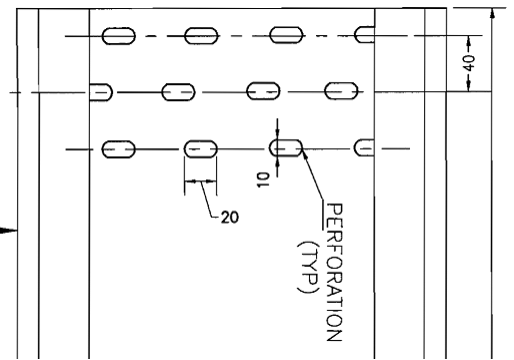
1. Name of the consignee.
2. Details of consignment.
3. Destination.
4. Total weight of consignment.
5. Handling and unpacking instructions.
6. Bill of material lindicating contents of each package.

The supplier shall ensure that the bill of materialis approved by the purchaser before dispatch

# REFERENCE DIAGRAMS FOR PERFORATEDCABLETRAYS(ALLD IMENSIONSARE IN MM)

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**Sd/-**

**SENIOR GENERAL MANAGER (TELECOM)CIRCLE,BBSR**

**LIST OF ANNEXURE FURNISHED BY TENDERER**

**1 Annexure-I Declaration Form**

**2 Annexure-II Abstract of terms and condition**

**3 Annexure-III Abstract of Price Component**

**4 Annexure-IV Schedule of Prices**

**5 Annexure-V Chat showing particulars of earnest money deposit furnished by tendrer**

**6 Annexure-VI Schedule of installation**

**7 Annexure-VII Check list for delivery & commissioning schedule**

**8 Annexure-VIII Deviation Schedule**

**9 Annexure-IX Bill of quantity**

**10 Annexure-X Technical specification**

**ABSTRACT OF TERMS & CONDITIONS (Annexure-II)**

(To be furnished by the Tenderer)

1. Name of the work**: - “**for

**”.**

1. Name of the Contractor

&address :-

2. Earnest Money deposited in shape of .DD

vide Draft No.\_\_\_\_\_\_\_\_\_\_\_Dt.\_\_\_\_\_\_\_\_\_\_\_\_Amount

(Rupees )only.

3. Attested copy of GST Registration certificate : - Furnished/Not furnished

4. Attested copy of Pan No : - Furnished/Not furnished

5. Audited copy of Balance Sheet& Profit & Loss : - Furnished/Not furnished

6. Audited copy of Financial Ratio : - Furnished/Not furnished

7. Agreed to adhere completion of work as per

the contract :- Yes/No

8. Agreed to accept payment terms as per the tender :- Yes/No.

9. Agreed to accept penalty clause as per the tender :- Yes/No

10. Agreed to keep validity of the tender for 180 days

from the date of opening of tender without any

variation in the tender clause :- Yes/No

11. Submitted tender in duplicate :- Yes/No.

12. Agreed to all terms & conditions of the

tender specifications :- Yes/No.

Date :- Signature of tenderer with seal

**ANNEXURE - I**

**DECLARATION FORM**

**To**

The Senior General Manager (Telecom)

TELECOM CIRCLE, OPTCL,

BHUBANESWAR-751017.

Sub:- Tender Specification No-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sir,

1. Having examined the above specification together with terms & conditions referred to therein \* I/We the undersigned hereby offer to supply the materials/equipment’s covered therein complete in all respects as per the specification and General conditions, at the rates, entered in the attached contract schedule of prices in the Tender.
2. \* I/We hereby undertake to have the materials/equipment’s delivered within the time specified in the Tender.
3. \* I/We hereby guarantee the technical particulars given in the Tender supported with necessary reports from concerned authorities.
4. \* I/We certify to have submitted the bid electronically by remitting \*cash/money order/D.D./ remitting the cost of tender, herewith and this has been acknowledged by your letter/ money receipt No.

Dated,

1. In the event of Tender, being decided in \*my/our favor, \* I/We agree to furnish the sum as applicable to \*me/us within 15 days of issue of Letter of Intent/Purchase Order failing which \*I/We clearly understand that the said letter of Intent/Purchase order will be liable to be withdrawn by the purchaser, and the EMD deposited by us shall be forfeited by OPTCL.

Signed this\_\_\_\_\_\_\_\_\_\_ day of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2025

Yours faithfully

Signature of the Tenderer

with seal of the company

[This form should be dully filled up by the tenderer and uploaded at the time of submission of tender.]

\* (Strikeout whichever is not applicable).

**ANNEXURE-II**

ABSTRACT OF GENERAL TERMS AND CONDITIONS OF CONTRACT [COMMERCIAL]

|  |  |  |
| --- | --- | --- |
| 1 | (a) OPTCL Money Receipt No. & Date towards purchase of Tender.  (b) Earnest money furnished. DD Number. |  |
| 2 | Deviations to the specification if any[list enclosed or not]   1. Commercial 2. Technical. | Yes/No |
| 3 | Delivery (period in months from the date of purchase order). | Yes/No |
| 4 | Guarantee:**-**Whether agreeable to OPTCL’s terms. |  |
| 5 | Terms of payment:-Whether agreeable to OPTCL’s terms or not | Yes/No |
| 6 | Nature of price:- FIRM | Yes/No |
| 7. | Penalty:**-** Whether agreeable to OPTCL’s terms or not | Yes/No. |
| 8. | Validity: **-** Whether agreeable to OPTCL’s terms or not | Yes/No |
| 9. | Whether guaranteed technical particulars in complete shape are furnished or not | Yes/No |
| 10. | Whether materials are ISI/ISO marked. | Yes/No |
| 11. | Manufacturer’s name and it’s trademark. | Yes/No |
| 12. | Whether registered under GST | Yes/No |
| 13. | Whether declaration form duly filled in furnished or not. | Yes/No |

Place: -

Date: - Signature of the Tenderer

with seal of the company

**ANNEXURE-III**

**ABSTRACT OF PRICE COMPONENT [TO ACCOMPANY PRICE BID]**

|  |  |  |
| --- | --- | --- |
| 1 | Price basis |  |
| 2 | Rate of GST on supply of material |  |
| 3 | Rate of GST on installation and commissioning |  |
| 4 | Nature of price. |  |
| 5 | Whether Input tax credit if any, has been fully passed on to the purchaser. |  |

###### Place

Date: Signature of Tenderer

With seal of company

NB:- Abstract of price component shall be done for equipment/material offered, for testing &commissioning charges, if any. All the above prices will be taken during bid price evaluation.

**ANNEXURE-IV**

**SCHEDULE OF PRICES(SUPPLY , INSTALLATION & COMMISSIONING)**

**TENDER SPECIFICATION No.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item  No. | Description. | SAC Code | Qty | Unit  Price. (Excluding GST) | GST Rate | GST Unit Price (In Rs.) | Total Unit price Including GST (In Rs ) | Total price Including GST (In Rs.) |
| 1. | 2. | 3 | 4 | 5 | 6 | 7 | 8=5+7 | 9=4X8 |
| 1 |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |
| TOTAL PRICE (SUPPLY AND ERECTION) | | | | | | | |  |

Signature of Tenderer

Name, Designation and Seal

**ANNEXURE-V**

CHART SHOWING PARTICULARS OF EARNEST MONEY DEPOSIT FURNISHABLE BY TENDERERS

|  |  |  |
| --- | --- | --- |
| **1.** | **Central and State Government Undertakings** | **Exempted** |
| **2.** | **All other inside & outside state units.** | **The amount of EMD as specified in the specification /Tender Notice in shape of bank guarantee /DD.** |

**NB: -** REFUND OF E.M.D.

**[a] In case of unsuccessful tenderers, the EMD will be refunded immediately after the tender is decided. In case of successful tenderer, this will be refunded only after completion of the work as above.**

**Suits, if any, arising out of EMD shall be filed in a court of law to which the jurisdiction of High Court of ODISHA extends.**

**[b] Earnest Money will be forfeited if the tenderer fails to accept the letter of intent/purchase order, issued in his favour or revises the bid price (s) within the validity period of Bid.**

Signature of Tenderer

Name, Designation and Seal

**ANNEXURE-VI**

**SCHEDULE OF INSTALLATIONS**.

|  |  |  |
| --- | --- | --- |
| Specification | Place of installation and complete postal address | Year of commissioning |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Place: -

Date Signature of Tenderer:

Name, Designation, Seal

**ANNEXURE-VII**

**CHECK LIST FOR DELIVERY & COMMISSIONING SCHEDULE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **ITEM DESCRIPTION** | **UNIT** | **Total Qty.** | **Delivery & commissioning Schedule** |
|  |  |  |  |  |

Signature of Tenderer

Name, Designation and Seal

**ANNEXURE-VIII**

**DEVIATION SCHEDULE**.

**Tenderer shall enter below particulars of his alternative proposal for deviation from the specification, if any**.

**A) Technical**

|  |  |  |
| --- | --- | --- |
| Sl.No | Clause No. of specification. | Particulars of deviations. |
|  |  |  |
|  |  |  |

Place: -

Date Signature of Tenderer:

Name, Designation, Seal

**B) Commercial deviations.**

A) Commercial.

|  |  |  |
| --- | --- | --- |
| Sl.No | Clause No. of specification. | Particulars of deviations. |
|  |  |  |
|  |  |  |

Place: -

Date Signature of Tenderer:

Name, Designation, Seal

**APPENDIX-IX**

**BILL OF QUANTITY**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **ITEM DESCRIPTION** | **UNIT** | **Total Qty.** |
|  |  |  |  |

Signature of Tenderer

Name, Designation and Seal

###### SECTION – X

**TECHNICAL SPECIFICATION.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **ITEM DESCRIPTION** | **UNIT** | **Total Qty.** |
| 1(a) |  |  |  |

Signature of Tenderer

Name, Designation and Seal

# ANNEXURE-XI

**PROFORMA FOR COMPOSITE BANK GUARANTEE FOR SECURITY DEPOSIT PAYMENT AND PERFORMANCE**

**(TobestampedinaccordancewithStampActandtheNon-Judicialstamppaperof appropriate value should be in the name of the Issuing Bank.)**

This Guarantee Bond is executed this day of 2025/23 by us the Bank at

P.O. P.S.

District State

1. WHEREAStheODISHAPOWERTRANSMISSIONCORPORATIONLTD.,abody

corporate constituted under the Electricity Act, 2003 [hereinafter called “the OPTCL” which shallincludeitssuccessorsandassignshasplacedordersNo. Date

[hereinafter called “The Agreement”] on M/s.

[Hereinaftercalled “Agency”],whichshallincludeitssuccessors& assignees.

AND WHERE AS the Agency has agreed to Supply of perforated GI cable trays of different sizes for SAS Project work (Under PSDF) of 220/132/33kV Grid Substation, Bidanasi to the OPTCL in terms of the said agreement AND

WHEREAS the OPTCL has agreed [1] to exempt the Agency from making payment ofSecurity[2]torelease100%paymentofthecostofserviceasperthesaidagreementand

[3] to exempt from performance guarantee on furnishing by the Firm / Agency to theOPTCL, a Composite bank Guarantee of the value of 10 % [Ten percent] of the contractprice of the said agreement.

NOW THEREFORE, in consideration of the OPTCL having agreed [1] to exempt the Agency from making payment of Security [2] releasing 100% payment to the Firm / Agency and [3] to exempt from furnishing performance guarantee in terms of the said agreement as aforesaid, we, the [Bank][hereinafter referred toas‘theBank’]doherebyundertaketopaytotheOPTCLanamountnotexceeding Rs. [Rupees against any loss or damage caused to or suffered by or would be caused to or suffered by the OPTCL by reason of any breach by the said Agency [s] of any of the terms or conditions contained, in the said agreement.

1. We the ( Bank)doherebyundertaketopaythe amounts due and payable under this guarantee without any demur, merely on demand from OPTCL stating that the amount claimed is due by way of loss or damage caused to orsuffered by OPTCL by reason of any breach by the said Firm / Agency [s] of any of theterms or conditions, contained in the said agreement or by reason of the Firm / Agency’s failure to perform the said agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to anamount not exceedingRs. [Rupees

]

1. Wethe Bank} also undertake to pay to OPTCL any moneysodemandednot withstandinganydisputeordisputesraisedbythe Firm/Agency[s] in any suit or proceeding instituted/pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal.The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Agency [s] shall have no claim against us for making such payment.
2. We,( Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be takenfor the performance of the said agreement and that it shall continue to do so enforceable till all the dues of the OPTCL under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Managing Director, ODISHA POWER TRANSMISSION CORPORATION LTD. certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said Firm / Agency [s] and accordingly discharges this Guarantee.

Unless a demand or claim under this guarantee is made on us in writing on or before the [Date ], we shall be discharged from all liability under this guarantee thereafter.

1. We,( Bank) further agree that the OPTCL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Firm /Agency and we shall not be relieved from our liability by reason of any such variations or extension being granted to the said Firm / Agency or for any forbearance, act or omission on the part of the OPTCL or any indulgence by the OPTCL to the said Firm / Agency [s] or by any such matter or thing whatsoever which under the law relating to sureties would but these provisions have effect of so relieving us.
2. This guaranteewill not bedischarged due to thechangein thename, style and constitution of the Bank and The Firm / Agency [s].
3. We, [ Bank] lastly undertake not to revoke this guarantee during its currency except with the previous consent of the OPTCL in writing.
4. Wethe Bank further agree that this guarantee shall also be inviolableat ourplaceof business at Branch ofBhubaneswarin thestate ofOdisha. [Indicate the name of the Bank& Branch]

‘Notwithstandinganythingcontainedherein above’

* 1. OurliabilityunderthebankguaranteeshallnotexceedRs. (In words Rupees ).
  2. ThisbankGuaranteeshall bevalidup to .
  3. We are liable to pay guaranteed amount or any part thereof under this bank guarantee only if you serve upon us at branchof BhubaneswarinthestateofOdishaawritten claim or demand on or before (date of expiry of guarantee).

Date at the, dayof20 .

For\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dated……….day of……..2025

{Indicate the name of Bank}

Witness(Name,Signature&Address) .

i

ii..

**A N N E X U R E – XII**

**PROFORMA FOR PERFORMANCE GUARANTEE.**

1. In consideration of the Chairman-cum-Managing Director, ODISHA POWER TRANSMISSION CORPORATION LTD (OPTCL (Hereinafter called ‘The OPTCL’) having agreed to exempt M/s.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ hereinafter called ‘the said Contractor(s) from the demand under the terms & conditions of an agreement No.\_\_\_\_\_\_\_\_\_\_\_\_\_ dated \_\_\_\_\_\_\_\_\_ made between \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (hereinafter called ‘the said Agreement’) for security Deposit for satisfactory performance of materials (as detailed in the said agreement) during the guarantee period (as detailed in the said agreement) and for the due fulfillment by the said Contractor(s) of the terms and conditions contained in the said agreement on production of Bank Guarantee for `.\_\_\_\_\_\_\_\_\_\_\_ (Rupees\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_) only. We \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**(*Indicate the name of the Bank*)**

Bank limited (hereinafter referred to as ‘the Bank’) at the request of \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_Contractor(s) do hereby undertake to pay to the OPTCL an amount not exceeding `.\_\_\_\_\_\_\_\_\_ (Rupees \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ only) against any loss or damage caused to or suffered or would be caused to suffered by the OPTCL by reasons any of breach by the said Contractor(s) of any of the terms or conditions contained in the said agreement.

2. We \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Bank Limited do hereby undertake to (***Indicate the name of the Bank***)

Pay the amount due and payable under this guarantee without any demur, merely on a demand from the OPTCL stating that the amount claimed is due by way of loss or damaged caused to or would be caused to or suffered by the OPTCL by reasons of any breach by the said Contractor(s) of any of the terms or conditions contained in the said agreement or by reasons of the Contractor’s failure to perform the said agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding `. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Rupees \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_).

3. We the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Bank Limited further agree to pay the OPTCL any money so demanded not withstanding any dispute or disputes raised by the Contractor(s)/Suppliers(s) in any suit or proceeding instituted/pending before any Court or Tribunal relating thereto, out liability under this present being absolute and unequivocal.

The payment so made by us under this bond shall be valid discharge of our liability for payment thereunder and Contractor(s)/Supplier(s) shall have no claim against us for making such payment.

4. We the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Bank Limited further agree that the ***(Indicate the name of the Bank)***

guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be so enforceable till all the dues of the OPTCL under or by virtue of the said agreement, have been full paid and its claims satisfied or discharged or until Managing Director, ODISHA POWER TRANSMISSION CORPORATION LTD (OPTCL Certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly, discharges this guarantee. Unless a demand or claim under the guarantee is made on us in writing on or before the expiry of Eighteen months from the last delivery of materials or Twelve months from its use whichever is earlier we shall be discharged from all liabilities under this guarantee thereafter.

5. We the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Bank Limited further agree with the ***(Indicate the name of the Bank)***

OPTCL that the OPTCL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reasons of any such variation, postponement, or extension being granted to the said Contractor(s) or by any such matter or thing what so ever which under the law relating to sureties would but for this provision have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the name, style and constitution of the Bank or the Contractor(s)/Supplier(s).

7. We the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Bank Limited lastly undertake not to ***(Indicate the name of the Bank)***

revoke this guarantee during its currency except with the previous consent of the OPTCL in writing.

8. This performance Bank Guarantee will remain in force up to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dated the \_\_\_\_\_\_\_\_\_\_\_\_\_ Day of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20 \_\_\_\_\_\_\_\_\_\_\_.

**Witness with signature, names & address:**

**1.**

**2.**

For \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Bank Limited.

(***Indicate the name of the Bank***)