

ODISHA POWER GENERATION CORPORATION LTD. (A Government Company of the State of Odisha) CIN: U40104OR1984SGC001429

2x210 MW, 2x660MW Ib Thermal Power Station, Banharpali, Jharsuguda, Odisha-768 234, India. Purchase: +91 6645 289 328, Email: manoj.behera@opgc.co.in

Notice Inviting Tender

NIT No: ITPS/Pur/24-25/78

Last date for bid submission	Bid Opening timeline
Date: 27.01.2025	Date: 27.01.2025
Time: 15:00 hrs	Time: 15:30 hrs

EMD: Rs.41,000/-

Τo,

The Bidder,

Sealed bids in **two parts** (Techno-Commercial Bid and Price Bid) super scribing "Tender Enquiry. No. and due date" as mentioned under reference above are invited for supply and delivery of the following item(s) to Ib Thermal Power Station. The instruction to tenderers is given overleaf.

- Complete and signed sealed bids in hard copy form only shall be received at the SCM Department, ITPS.
- Bids shall be opened at the SCM Department, ITPS in the presence of the bidders or their authorized representatives, if present at the time of opening. An authorized representative must be Proprietor / Partner / Director or Permanent Employee with special authorization for this purpose.
- If the last date of issue/receipt/opening happens to be a HOLIDAY/office closed, the tender will be issued/received/opened at the respective time on the next working day.
- The photocopies of all the supporting documents required for participating in the tender mentioned in the tender paper shall be submitted along with the bid; otherwise, the bid is liable for rejection.
- Bids without EMD will be rejected outright.
- Bids received after the stipulated date & time shall not be entertained.
- OPGC shall not take any liability on account of any postal/courier delay.
- OPGC reserves the right to accept/reject any or all tenders, seek additional clarifications, split up the scope among eligible bidders or cancel the tender altogether without assigning any reasons thereof.
- 1:1 interchangeability certificate to be submitted along with supply (If applicable).
- Guarantee/Warranty certificate to be submitted along with supply (If applicable).
- Material Test Certificate to be submitted (If applicable).
- Vendors are requested to kindly furnish their PAN & GST Numbers. GST certificate to be submitted.
- Bank Mandate form to be submitted to make your payment through RTGS/NEFT.

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- OEM Certificate must be submitted. In the case of dealer/distributor/stockiest, a valid authorization certificate must be submitted.
- PO copies & company price list are to be submitted for price justification.
- Import license along with supporting documents to be submitted as applicable
- The quotation in two parts along with EMD (if applicable) is required to be submitted in an envelope as a sealed hard copy Bid. Tender to be submitted at Resource Center, ITPS, Odisha Power Generation Corporation Ltd., Banharpali, Jharsuguda, Odisha (768234). Tender sent by Post/ Courier to be addressed to Asst. Manager, Purchase, Resource Center, ITPS, Odisha Power Generation Corporation Ltd., Banharpali, Jharsuguda, Odisha (768234) superscribe the Tender No and Date of Opening.
- Indented Qty. may be changed at the time of purchase order.
- Delivery: As mentioned in the tender document.
- Payment Terms: As mentioned in the tender document.
- Price offered should be of FOR destination, IB Thermal Power Station. P&F, Freight, Insurance, GST and other landed cost components quoted, if any, are to be indicated in terms of percentage of basic price/fixed price or will be loaded maximum for evaluation of bids.
- Offer may not be considered without valid GST. Please enclose the product catalogue & company price list. The offer will remain valid for 180 days from the date of tender opening. TDS @20% should be deducted from your bill in case of non-submission of PAN details.

Thanking you,

Your faithfully,

(Purchase)



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Check List for Bidders Prior to Submission of Bids

SI. No	Description	Yes/No
1	Whether the Technical Bid and Price Bid are submitted in separate covers and both the covers enclosed in a common envelope. Each enevelope shall be supescribed by the tender no and due date.	
2	Whether envelope A contains:	
	a) Earnest Money Deposit (EMD) amount.	
	b) All relevant documents against Qualification Criteria laid down in Annexure-II.	
	c) Technical Bid in the original Tender document and other supportive documents.	
	d) The Profile of the Company	
	e) Letter of Authorization for signing the Tender document.	
	f) The filled up and signed Technical Specification	
	g) Audited Annual report for the previous three years	
	h) Certificate of incorporation of the company and/or Authorisation certificate, as applicable.	
	i) Whether all the pages of the tender documents including of Annexures signed with official seal.	
	j) Blank Price Bid mentioning "Quoted" where ever price is quoted as per their bid submitted in Envelope-B	
3	Whether Envelope-B contains:	
	Filled up and signed Price Bid documents in the price bid form in full, with price details	



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INFORMATION TO BIDDERS

A. <u>PREPARATION OF BID:</u>

- 1. The bidder(s) shall submit the bid in two parts, namely-
 - I) Techno commercial Bid and
 - II) Price bid

PART-I: TECHNO-COMMERCIAL BID

The techno-commercial bid shall consist of the following documents:

- A complete set of original Tender documents as issued to the Bidder duly filled in as prescribed in different clauses of the Tender documents with signature & stamp on all pages as a token of unconditional acceptance.
- **Qualification Criteria:** All relevant documents against Qualification Criteria laid down in Annexure-II.
- **Deviation Statement:** In normal cases no deviation is admissible, however, in case of any deviation, a deviation statement mentioning clause no and the deviation details is to be submitted by the bidder.
- Earnest Money Deposit (EMD): EMD of Rs.41,000/- (Rupees fourty one thousand only) is required to be submitted for the above tender. The EMD shall be in the shape of Demand Draft/Pay Order/Bank Guarantee (BG as per attached format & shall be valid for 06 months) in favour of "ODISHA POWER GENERATION CORPORATION LTD" drawn on State Bank of India (Code-9510) / Union Bank of India (Code-UBIN0806625) / Central Bank of India (Code-283899) shall be submitted.
- **Unpriced Bid:** Bidders must submit the unpriced bid and must specify whether they have "Quoted' or "Not Quoted" & also indicate the make/brand quoted against each item unpriced bid format enclosed in the tender document.
- GST Certificate copy.
- PAN Certificate copy
- Dully filled proforma for summary quotation (Annexure-I).

Note: If required additional sheet may be used to furnish all the above information but in the format provided in the general conditions of the contract.



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The techno-commercial bid with all its enclosures as mentioned should be put in an envelope, sealed & super scribed as a "Techno-Commercial Bid". This envelope must contain the name of the supply, Tender enquiry no., the due date of opening and the name & address of the bidder on the bottom left-hand corner of the cover.

PART-I I: PRICE BID

Original price bid duly filled in, signed & stamped on each page shall be submitted. Any price breakup (if required) must be submitted separately. The rates offered by the bidder shall be written in English (clearly handwritten or typed) both in words and figures and shall be free from any aberrations, deletions, corrections and overwriting. In case of illegible offer submitted by the bidder, the interpretation by OPGC shall be final and binding on the bidder. Insertion, postscript, addition and alteration shall not be accepted after submission of the bid.

Price bids of only those bidders will be opened who meet the required criteria. The Owner shall not entertain any correspondence with any Bidder about the acceptance or rejection of any Price Bid.

Both the "Techno commercial bid" and "Price bid" duly sealed in a separate envelope should be sealed and covered with another bigger envelope and this envelope must contain the name of the work/supply, TE No, due date of opening and name & address of the bidder on the bottom left-hand corner of the cover.

NOTE: TENDERS SUBMITTED WITHOUT THE ABOVE REQUIREMENTS SHALL BE LIABLE FOR REJECTION.

B. OTHER TERM AND CONDITIONS

- OPGC will award the purchase order to the successful bidder whose bid has been found the evaluated lowest i.e. on an L-1 basis. The tender will be finalised on the item-wise L1 basis or package basis considering the bids received. The firm has to accept a part order in case OPGC decides to go for items wise L1 basis Purchase Order.
- OPGC reserves the right to evaluate the quotation on such deviations having financial implications by adding the cost determined by OPGC.
- 3) Wherever it is mentioned in the specification that the contractor shall perform certain work or provide certain facilities, it is understood that the contractor shall do so at his cost.

OPGC Power for Progress

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- 4) Before quoting the rates, the bidder should go through the specifications, scope of work, and special terms and conditions of tender etc. and get himself fully conversant with them.
- 5) The details of items in the price schedule shall be read in conjunction with the corresponding technical specifications. Items of work provided in the price schedule but not covered in the technical specifications shall be executed strictly as per instructions of the engineer in charge.
- 6) OPGC reserves the right to accept the whole or any part of the tender and the bidder shall be bound to perform the same at their quoted rates.

Note:

- Item-wise HSN Code with GST rate applicable to be indicated in the offer
- Further please note to submit your offer considering GST provision and its related input tax credit benefits to be passed on to OPGC
- Bidders have to follow the general instructions while submitting the price bid.
- **EMD Waiver Clause:** Micro, Small & Medium Enterprises (MSMEs) who are registered with DIC/KVIC/KVIB/Coir Board/NSIC/DHH/Udyog Aadhar for the relevant category of items are eligible to get the benefit of exemption from payment of EMD & Tender cost and to get the exemption, the participating bidders have to obtain/register as MSME for the specific service/supply of goods/both.

To get the exemption of EMDs & tender fee, the party has to make an application to the head of supply chain management (SCM) who is conducting the tendering process along with proof of documents regarding eligibility of the exemption at least 2 days before the last day of bid submission. The HOD after due examination will be allowed to participate without submission of EMD& tender fee & the same has to be communicated to the bidder in writing.

- The Earnest Money of all unsuccessful Bidders will be returned within thirty (30) days after the award of the Contract.
- No interest will be payable by the Owner on the said amount covered under Earnest Money / other security deposits.
- On finalization of the Tender, the Earnest Money deposited in the form of DD of the successful Bidder will be treated as part of the initial security at the option of the said supplier or shall be returned to the successful bidder at his option on submission of requisite security deposit.

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- A Bidder shall submit the Tender which satisfies each and every condition laid down in this notice and other tender documents, failing which the Tender will be liable to be rejected.
- The ODISHA Power Generation Corporation Ltd. do not bind themselves to accept the lowest or any tender or to give any reasons for their decision. The Owner reserves the right to allow the Public Sector Undertakings price preference facilities as admissible under existing Govt. policy. The prospective Bidders may apprise themselves of the relevant Govt. notification in this regard before submission of their bid. The ODISHA Power Generation Corporation Ltd. reserves the right to accept the whole or any part of the Tender or split the total scope of work among eligible Bidders and the Bidder (s) shall be bound to perform the same at his/their quoted rates.
- OPGC reserves the right to accept/reject any or all tenders, split up the scope among eligible bidders or cancel the tender altogether without assigning any reason thereof.
- Bidder has to submit the price bid as per the price bid format.
- Vendors are requested to submit their seal offers at our office by sending through DTDC COURIER / SPEED POST/REGISTER POST/By Person.
- OPGC reserves the right to accept the whole or any part of the tender and the bidder shall be bound to perform the same at their quoted rates.

Note: Tenders submitted without the above requirements shall be liable for rejection.



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SPECIAL TERMS AND CONDITONS

1.0 Delivery Period & LD Charges:

The material shall be delivered within 120 days from the LOI / PO date. The vendor is liable to pay a penalty at the rate of 0.5 % of the cost of undelivered materials per week or part thereof subject to a maximum of 05 % of the cost of undelivered materials. If the delay is beyond 10 weeks or less depending upon the requirement, the buyer reserves the right to cancel the PO and collect the materials from any other source at the risk of the original supplier without making any reference to him. The additional financial involvement occurs if any from procuring other sources shall be recovered from you.

2.0 **Inspection/PDI:**

Materials shall be subjected to inspection at vendor site by any of the OPGCL approved Third Party Inspection (TPI) agency or company representative or at OPGC site with mutual agreement and accepted by EIC, OPGC.

3.0 **Quality:**

Quality of material as per the specification and accepted by the EIC, OPGC.

4.0 **Payment Terms:**

SUPPLY: 90% of the basic price with full taxes and duties will be paid within 30 days of receipt and verification of materials at our site. Balance 10% will be released within 90 days after submission of Performance Bank Guarantee of the equivalent amount till the guarantee period i.e. 18 months from the date of supply or 12 months from the date of use, whichever is earlier with an additional validity of 03 months as claim period.

5.0 Security deposit:

The bidder shall submit a security deposit i.e. 05% of the PO basic value in the shape of a DD/irrevocable bank guarantee valid for six months/up to delivery period whichever is later plus a 2-month claim period from a nationalized/scheduled bank executed on non-judicial stamp paper of appropriate value towards execution of the contract. The security deposit shall be released after the supply is complete. If the supplier fails or regrets to observe or perform any of his obligations under the contract, it shall be lawful for the purchaser to forfeit either in whole or part, in his absolute discretion, the security deposit furnished by the supplier. The forfeiture of the security deposit shall be without prejudice to the right of the purchaser to recover any further amount of any liquidated and/or other damages, undue payment or overpayment made to the supplier under this contract or any other contract claim of the supplier shall be entertained against the purchaser either in respect of interest or depreciation in the value of security deposit. Security deposit is to be submitted within 15 days of placement of LOI/PO

6.0 **Performance bank guarantee:**

performance bank guarantee valid for 21 months (18 months + 03 months grace period) from the receipt of materials or 15 months (12 months + 03 months grace period) from the date of use shall be submitted by the firm for performance of the equipment or spares supplied by the successful bidder.

7.0 Acceptance to part order:

All firms must accept part order supply for the above tender. Non-acceptance may lead to rejection of the bid submitted.



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8.0 (a) Preparation of comparative statement:

The vendor should note the following, loading factors to be used by OPGC during the evaluation process in case the same has not been considered during offer submission.

P&F charges	2%
Freight less than 300 k	m 3%
300 km. To 500 km	4%
500 km. To 1000 km	5%
Above 1000 km	6%
Insurance	0.086%
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(Note: percentage loading will be limited to full truck/trailer load rate for each truck load).

(b) Payment terms loading

1.5% per month (wherever parties have quoted 100% through bank/advance against our standard and payment terms of bid documents)

In case of payment through bank loading for 30 days and in case of advance payment along with PO the loading for the period of delivery period plus 30 days, may be taken. In case of 90% through bank & balance 10% within 30 days after receipt and acceptance of materials. The loading factor will be 1.5*0.9= 1.35%. Accordingly, for other payment terms, loading factors will be calculated.

9.0 Loading procedures

Basic price	
Packing & Forwarding charges	(on basic price only)
Freight on	(basic + p&f)
Insurance on	(basic + p&f + freight)
GST	(basic + p&f + freight + insurance)
Payment terms loading on	(basic + p&f + freight + gst)
Maladat / Law atta	

10.0 Weight/length variation

In case the payment is done on weighing the consignment at the site, an allowable tolerance of +/-0.25% shall be applicable. This tolerance shall be allowed as weighbridge tolerance due to being weighed in two different weighbridge (if available). For any variation beyond this allowable tolerance, necessary adjustments shall be made during releasing payment by way of submission of a credit note by the vendor. If the weight variation is +/- 0.25% from the invoiced weight/challan weight the invoiced weight will be accepted for account as well as payment. If there are three continuous negative tolerance is found no more tolerance shall be allowed. The vendor shall have to submit the credit as per weight by OPGC.

- 11.0 OPGCL reserves the right not to accept the lowest rate quoted by the bidder and reject any or all the offer without assigning any reason whatsoever. M/s OPGC Ltd. also reserves the right to accept /reject /split any tender without assigning any reason thereof.
- 12.0 Special terms and conditions supersede General Terms and conditions.



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GENERAL INSTRUCTIONS

- Each tender should be sent in a properly sealed envelope addressed to the Purchase (Head), Ib Thermal Power Station, Banharpali, Dist. Jharsuguda, PIN: 768234. The envelope should bear the tenderer#s distinct rubber stamp. Tender No. _____due on dt. _____ should invariably be given on the cover.
- 2. In the case of items of a specific make, only manufacturers and their accredited agents/stockiest/authorized dealers are entitled to quote. For this, they should submit an attested copy of the printed price list along with the tender.
- 3. The tenders submitted must be free from overwriting or eraser. Corrections & additions if any must be attested. Incomplete tender should not be submitted. Tenders received after the due date of opening will not be entertained.
- 4. The required EMD in the shape of DD payable at State Bank of India (Code-9510)/Central Bank of India, Banharpali (Code-0283899)/ Union Bank of India, Adapada (Code-806625), Ib Thermal Power Station, Banharpali, Jharsuguda in favour of Odisha Power Generation Corporation Limited. Otherwise, you can submit directly in our company name Odisha Power Generation Corporation Limited, Banharpali. Account number of State Bank of India 10765789090 (IFSC- SBIN0009510). Account number of Central Bank of India, ITPS, Banharpali 2062780721 (IFSC-CBIN0283899). Account number of Union Bank of India, Adapada 066211011000005 (IFSC-UBIN0806625). In case EMD is submitted in the form of DD, the DD shall be valid for three (03) months from the date of opening of the price bid.
- 5. The offer given must remain valid for 180 days from the date of opening of the price bid.
- 6. Manuals/Pamphlets/Leaflets and drawings illustrating technical details/year of manufacture, maker name, and country of origin must be enclosed with the tender, sample if required should be submitted along with the tender.
- 7. The price quoted should be firm and delivery F.O.R destination inclusive of packing, forwarding, transportation and insurance charges except duties & taxes. Rebate discount if any given may also be mentioned.
- 8. The percentage of GST declared to be charged should be distinctly shown along with the price quoted. GST Registration number must be indicated invariably.
- 9. The tenderers should be able to complete delivery within 20 to 30 days from the date of receipt of the purchase order/delivery clause as mentioned herein or else LD @0.5% per week or maximum @ 5 % will be applicable from the due date.
- 10. The tender should be agreeable to our payment terms, i.e. 100% within 30 days of receipt and acceptance of materials at the Site. Payment terms if mentioned under special terms & conditions shall prevail over the above clause.
- 11. The quality of materials to be supplied should be brand new, free from all flaws, good finish and should be as per technical specification and relevant to IS specification.
- 12. The merchantability & fitness of the materials should be guaranteed against any manufacturing defect or bad workmanship for 12 months from the date of use or 18 months from the date of supply whichever is earlier. An extra 03 months grace period shall be provided by them for lodging or claiming for the same.

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- 13. The tender must accompany a photocopy of the latest & valid Income Tax Clearance Certificate & Good & Service Tax Clearance Certificate without which the tender will be rejected.
- 14. Destination means Central stores, Ib Thermal Power Station, Banharpali.
- 15. Whenever tenderers have entered into a Rate Contract with DGS&D or EPM, they will indicate the same in their tenders and submit a copy of the rate contract as proof of claim.
- 16. All Bank charges to the vendor's account.
- 17. The weight of each item after packing shall have to be mentioned in your offer, otherwise maximum freight charges shall be loaded.
- 18. The quantity indicated in this enquiry is provisional and subject to change.
- 19. The undersigned reserves the right to accept/reject any or all the tender without assigning any reason thereof.
- 20. Supplier having experience of supplying similar items and credentials to other Thermal Power Stations
- 21. Jurisdiction: All contracts effected between OPGCL and the vendor shall be subject to Jharsuguda Court Jurisdiction and shall be governed by Law. It is agreed that no other court shall have jurisdiction to entertain any suit or proceedings, even though, part of the cause of action might arise within their jurisdiction. In case any part of the cause of action might arise within the jurisdiction of any other Courts in Odisha, and rest within the jurisdiction of Courts outside the State of Odisha, then it is agreed to between the parties that such suits on proceedings shall be instituted in a Court within the State of Odisha and no other Court outside the State of Odisha have jurisdiction.
- 22. **Arbitration:** In case of any dispute arising out of the supply or interpretation of the meaning of the terms in these conditions of purchase or any alleged breach thereof, the same shall be referred to an independent Arbitrator/s selected by the aggrieved party and consented by the other party. The arbitration shall be conducted in accordance with the provision of the Indian Arbitration Act of 1996 or modifications thereof and the award of the Arbitrator shall be final and binding on both parties. The arbitrations shall be conducted at Jharsuguda or at such place as decided by the Arbitrator. The cost, incidentally shall be borne by the vendor.
- 23. Litigation: All expenses and costs in connection with litigation, if any, will be to the vendor account.
- 24. Force majeure: Any delay or failure to perform the contract by either party caused by acts of god or acts of government or any direction or restriction imposed by the government of India which may affect the contract or the public enemy or contingencies like strikes, riots etc. Shall not be considered as default for the performance of the contract or give rise to any claim for damage. Within 7 days of occurrence and cessation of the event(s), the other party shall be notified. Only those events of force majeure that impede the execution of the contract at the time of its occurrence shall be taken into cognizance.
- 25. Patents, royalties, seller's liability and compliance with regulations: The vendor shall protect and fully indemnify the purchaser from any claims for infringement of patents, copyrights, trade mark or the like. The seller shall also protect and fully indemnify the purchaser from any claims from the seller's workman/employees, their heirs, dependents, representatives etc. Or from any other person/persons or bodies/companies etc. For any act of commission or omission while executing the order. Seller shall be responsible for compliance with all requirements under the laws and shall protect and indemnify completely the purchaser from any claims/penalties arising out of any infringement.



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BOO

	BOQ						
Material	Material Description	Qty.		Unit Price in Rs.	Amount in Rs.		
Code		(A)	UoM	(B)	(A X B)		
165300010303	3M Type XI, ASTM D-4956 Retro-Reflective.	832	FT2 (Sq.Ft)				
Technical Specifi	cations:						
<pre>Technical Specifications: Reflective Sheeting: Type: Micro-prismatic reflective sheeting (Type XI, ASTM D-4956). Make: 3M. Reflectivity: High retro-reflectivity at night and in wet conditions, retaining 90% retro- reflectance when wet. Color Options: Available in white or colored reflective sheeting. Durability: Weather-resistant, crack and fade-resistant; color-fast with a 10-year warranty. Printing and Lamination: Ink Type: Latex or UV ink, eco-friendly with a 10-year outdoor life. Lamination Film: 800 microns, UV-stabilized, cold-laminated for weather resistance and</pre>							
Make: VIVA, Eu Thickness: 4 m Material Stand Tensile Streng	(Base Material): robond, or Alstrong. m ACP sheet . ard: IS: 737 compliant, aluminum a th: Minimum of 22 N (2.25 Kgf). least 10% elongation for durabili	-	signatior	n 24345 or 19000.			
Frame Thicknes Post Diameter:	y-duty mild steel (MS). s: Square pipe, 50x50 mm with 5.5 76 mm diameter with 6.0 mm thickn -coated reflective weatherproof pa	less for	traffic		Asian Paints,		
Adhesive and Application: Adhesive Type: Pressure-sensitive or heat-activated, requiring no additional adhesive. Application Method: Pressure pasting machine for uniform bonding.							
A sample piece, measuring 1' x 1', should be provided during bid submission.							
Refer to Scope o	Refer to Scope of Supply.						
	Total Amount in Rs.						

Applicable GST %:

HSN Code:

Other commercial conditions if any shall be clearly indicated.

Note: Bidder has to use the above Price Bid Format failing which Bid may be rejected.

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Scope of Supply

GENERAL:

The micro prismatic grade reflective sheeting's consist of unmetallized micro prismatic material with high density of micro-scopic prism elements. These sheeting's have a layer of cube corner as microprismatic prisms for greater reflectivity at narrow observation angles and allow more time to see, read and react. They have better retro reflectivity at night and at wide entrance angles as well as straight approaches. The performance of these sheeting's at an observation angle of 0.1 degree, for long distance performance, is very good. These sheeting's provide better long distance "Target Value" and legibility allowing earlier reading and more time to react. Thus, it provides the extra margin of safety.

The reflective sheeting should meet or exceed ASTMD-4956 Type- XI (Make:3M). *Manufacturer TC to be submitted*.

DESIGNING & PRINTING:

The designs have to be submitted for approval prior printing & only "Latex Inks (environment - friendly)" which have an outdoor life of ten years, have to be used for printing the approved design.

Aluminum:

Aluminum sheet (Make: VIVA/Eurobond/Alstrong) used for sign board shall be of a smooth hard and corrosion resistant aluminum alloy conforming to IS: 737 material designated 24345 or 19000. The size of the sign board shall be as per drawing. The thickness of Alu. sheet shall be 4 mm for ACP sheets.

Elongation and Tensile Strength:

When Aluminum sheets are tested according to testing method as specified in Annexure-I, the elongation shall not be less then 10% and tensile strength shall not be lower than 22 N (2.25 Kgf).

General Requirements:

The Reflective sheeting used on the sign shall consist of the white or colored sheeting having smooth outer surface which has the property of retro-reflection over its entire surface. It shall be weather-resistant and show color fastness. It shall be new and unused and shall show no evidence of cracking, scaling, pitting, blistering, edge lifting and curling and shall have negligible shrinkage or expansion.

Retro-Reflection:

The Retro-Reflective surface after cleaning with soap and water and in dry condition shall have the minimum co-efficient of retro-reflection. When totally wet, the sheeting shall not show less than 90% of the values of retro-reflectance.

Adhesives:

The sheeting shall either have a pressure sensitive adhesive of the aggressive track type requiring no heat, solvent of other preparation for adhesion to a smooth clear surface, or a tack free adhesive activated by heat applied in a heat-vacuum applicator, and should be applied in a manner recommended by the sheeting manufacturer. The pre-coated adhesive shall be such that no further application or adhesive is necessary. The adhesive shall be protected by an easily removable liner attached to the adhesive surface (removable by peeling without soaking in water or other solvent, and without tearing, breaking or removing any of the adhesive from the back of the material) and

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shall be suitable for the type of material of the base plate used for the sign. The adhesive shall form a durable bond to smooth, corrosion and weather resistant surface of the base plate such that it shall not be

possible to remove the sheeting from the sign base in one piece by use of sharp instrument.

The Sheeting shall be pasted using a "pressure pasting machine" and not hand pasted. The details of the rolling machine will have to be submitted. OPGC representative may verify the facility if required.

Fabrication:

Surface to be reflectorized shall be effectively prepared to receive the retro reflective sheeting. The aluminum sheeting shall be de-greased either by acid or hot alkaline etching and all scale/dust removed to obtain a smooth plain surface before the application of retro-reflective sheeting. If the surface is rough, approved surface primer may be used. After cleaning, metal shall not be handled, except by suitable device or clean canvas gloves, between all cleaning and preparation operation and application of reflective sheeting/primer. There shall be no opportunity for metal to come in contact with grease, oil other contaminants prior to the application of retro-reflective sheeting. Complete sheet of the material shall be used on the signs and no splices/overlap shall be permitted.

Lamination:

The retro reflective sheet will be **machine cold laminated by using 800 microns, UV stabilized high quality**. laminating sheet for superior protection against elements.

Painting of the MS Frame:

Double coated reflective weatherproof paint of multiple colour (black and white color of reputed brands like Asian Paints/Berger/Nerolac) over the primer shall be applied over the MS structure.

*Sample of Type-XI with manufacturer's conformation to be submitted during tendering.

*Test reports for Type- XI to be submitted from the manufacturer during tendering.

*The outdoor signs should be guaranteed for 10 years against weathering.

*The bidder should submit JOINT - WARRANTY from the manufacturer (3M) of the reflective sheeting, failing which the bid is liable for rejection.

*The OEM (3M) must possess IS: 9001: 2000 certification. The certification must be active and valid during the currency of the complete project, failing which the bid is liable for rejection.

*Before start of work the designed contents to be submitted by the vendor and get it approved by EIC of OPGC.

*The materials to be delivered within a period of 120 days from the receipt of Purchase Order.



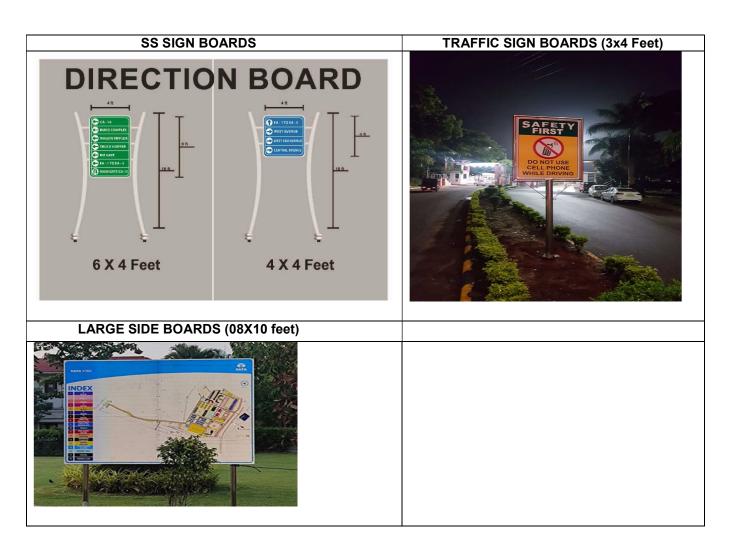
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SI. No.	Item Description	Size(ftxft)	Quantity in nos.	Total Quaitity in Sq Ft
1	MS Sign boards (SWYD+TFR)	2x3	8	48
2	MS Sign boards (Road Signage)	3x4	31	372
3	MS Sign boards (Directional)	4x4	8	128
4	MS Sign boards (Big Board)	10x08	2	160
5	MS Sign boards (SOP/SMP)	6x4	5	120

BOQ OF SIGNBOARDS

TENTATIVE DESIGNS



OPGC Power for Progress

ODISHA POWER GENERATION CORPORATION LTD.

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DESIGNING, SUPPLY & INSTALLATION:

Traffic signage boards -

Material- MS Size-3x4 ft (Single sided)

Detail Description:

a) 3M -Type-XI Retro-reflective sheeting with 4mm ACP sheet (0.75 mm foil), with Manufacturers TC, shall be riveted to MS frame.

b) The complete framework and stand should be manufactured from Heavy duty MS square pipe-50x50x 5.5 mm thick.

c) The post shall be of 76mm dia, 6.0mm thick and length of 10 feet.

d) The main frame housing the sign board will be manufactured from MS square pipe-50x50x5.5 mm thk, with suitable brackets of 19mm dia MS pipe 3.0mm thk.

e) The number of legs for the board shall be single and at the center.

g) 76 mm dia x15mm thick MS flange to be welded at base for fixing to bottom concrete block.

h) The boards will be One sided & the size will depend on the design.

i) Only LATEX or UV inks to be used for printing (printer details to be submitted), the sign board to be laminated with 800 microns lamination film, for weather resistance & durability.

Direction boards-

Material: MS Size (ft)- 4x4 / 6x4 / 10x8 & above. (Single side)

Detail Description:

a) 3M -Type-XI Retro-reflective sheeting with 4mm ACP sheet (0.75 mm foil) , with manufacturer TC, shall be riveted to MS frame.

b) The complete framework & stand should be manufactured from heavy duty MS pipe, non-magnetic grade. The post shall be 76mm diameter, thk-6.5mm and length of 13 feet with 2 no. of curved legs, as per approved design.

c) The main frame housing the sign board will be manufactured from 50mm dia, 3.5mm thick, MS non-magnetic pipe, with spacers (50mm dia X 3mm long), which will be welded to main post of 76mm dia framework mentioned.

d) All frames shall be mirror polished/finished.

e) The ACP sheet with reflective media will be riveted to MS flat 25x6mm & the flat will be welded to heavy. duty MS pipe 50mmdia, thk-3.5mm.

f) Minimum 2 legs to be provided if the area of the board is greater than 12 sq.ft; similarly minimum 3 legs to be provided if the area of the board is greater than 32 sq.ft

g) 76mm dia X 15mm thk. MS flange to be welded at base for fixing to bottom concrete block.



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ANNEXURE-I

PROFORMA FOR SUMMARY QUOTATION for Technical & un-priced Commercial bid (Part-1)

NIT N	No.: ITPS/Pur/24-25/78	<u>D</u> ı	ue Date: 27.01.2025
Sl. No.	Techno Commercial Points	OPGCL Needs	To be filled by the bidder
1	Technical Specification as per Tender Enquiry	Accepted/ Not accepted. If not accepted detail Deviation and proposal.	
2	Credentials as per Qualifying requirement	Submitted / Not submitted as per bid requirement.	
3	The Bidder must be a reputed manufacturer/ authorised dealer/ stockiest of the preferred makes, and financial capability and have supplied such items to other Industrial concerns of repute.	Yes/No.	
4	All Tests are to be carried out as per the bid document	Yes/ No.	
5	Bidder has to submit requisite EMD either in the shape of DD payable on State Bank of India (Code No. 9510) Banharpali/Central Bank of India, Ib Thermal Power Station (Code- 0283899)/ Andhra Bank, Adapada(Code-0662), Ib Thermal Power Station, Banharpali, Jharsuguda in favour of Odisha Power Generation Corporation Limited.	Submitted/Not submitted details to be mentioned	
6	Price Basis	FOR DestinationIbThermal Power Station. Partiesoffering FOREx. Works please givethe place of works.	
7	Packing & Forwarding charges	% or Rs in Lump sum Inclusive/ Exclusive.	
8	GST in %	% Inclusive/ Extra/Not applicable.	
9	Transportation Cost	Rs per No./Lump sum. As extra/Inclusive	
10	Transit Insurance	% extra/inclusive	
11	Delivery Schedule	120 days Accepted/ Not Accepted	•

NITT NI

Regd. Office: Zone-A, 7th Floor, Fortune Towers, Chandrasekharpur, Bhubaneswar-751023, Odisha. Ph: 0674-2303765-66, Fax: 0674-2303755/56, Website: www.opgc.co.in



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12	Validity of offer Liquidated damage clause is applicable	180 days from the due date of opening date of the Part-1 bid.(Techno Commercial). Accepted/ Not accepted.Accepted/ not accepted. Non-	
	if delivery is delayed beyond the quoted delivery date @0.5% per week/part of the week subject to 10 % of PO value.	acceptance shall lead to loading of your Offer by 10%.	
14	The bidder has to accept our payment terms as per NIT.	Accepted/ Not accepted. (in case non-acceptance loading shall be done)	
15	Acceptance of part order quantity	Yes/ No	
16	Packing material as per OPGCL term to use non asbestos and environmentally friendly material.	Yes/ No	
17	Payment is to be made through the RTGS mode	Accepted/ Not accepted.	
18	All Bank charges to the vendor account	Accepted/ Not accepted.	
19	Tender Notice NIT general Terms & Conditions	Accepted/ Not accepted.	
20	Tender Notice NIT Special Terms & Conditions	Accepted/ Not accepted.	
21	List of Deviation statements from tender norms.	Submitted/ Not submitted	
22	All relevant documents submitted against "Qualification Criteria" in ANNEXTURE-II	Submitted/ Not submitted	

Authorised Signatory: Name of the firm: Designation: Company Seal:



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ANNEXURE-II

QUALIFICATION CRITERIA

Technical Criteria:

a. The bidder must be a manufacturer or an authorized dealer of the material having at least 5 years of experience. Certificate of incorporation / ISO certification / Factory license/ OEM authorization certificate, whichever is applicable shall be submitted along with relevant order copies as documentary proof.

Commercial Criteria:

- b. The bidder must have supplied a *similar product directly to any industry, preferably to govt. organisations/PSU/Private Organizations of repute. Bidder must submit relevant order copies of the last Five (5) Years meeting any of the following criteria.
 - i. One purchase order of order value not less than **Rs.16 lakh**. (OR)
 - ii. Two purchase orders and each order value not less than **Rs.12 lakh**. (OR)
 - iii. Three purchase orders and each order value not less than **Rs.8 lakh**.
- c. Average annual financial turnover during the last three years (i.e., 2021-22, 2022-23 and 2023- 24) should be **Rs.24 lakh** or more. Audited Balance Sheet and profit & Loss A/C must be submitted along with the Techno-commercial Bid. If the account is not audited, a certificate from a chartered accountant should be produced towards turnover.
- d. The bidder must not have been blacklisted or debarred in the last five years to participate in tendering of similar supply earlier by any Govt/Public Sector Utility / IPP/CPP. Self-declaration certificate shall be submitted along with the technical bid.
- e. Must submit a copy of PAN & GST registration along with the technical bids. In case the bidder is registered under MSME/NSIC a copy of the certificate is to be submitted in the technical bid.
- f. The above qualifying criteria do not apply to Govt. Organisations/PSUs.

* Similar product means "Safety signages of micro prismatic grade reflective sheeting".



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Bank MANDATE FORM for e-payment

(To be submitted in Duplicate)

To. Odisha Power Generation Corporation Ltd., IB Thermal Power Station, Banharpali, Odisha.

Dear Sir,

Sub: - Authorization for release of payment due from OPGC Ltd through e-mode facilities of RTGS / NEFT / Internet Banking.

We are the regular contractor/Supplier to your organization and are executing work /supplying materials under different Contracts/ Purchase Orders to OPGC Ltd. We request you to release the payment of the outstanding amount electronically i.e., through RTGS, NEFT, Fund Transfer or any other suitable way. The details of our bank account are as follows: -

(Please fill in the information in CAPITAL LETTERS. Please TICK wherever it is applicable)

- 1. Name of the Party:
- 2. Address of the Party

City Pin Code

- 3. E-mail ID
- 4. Permanent Account Number
- Telephone/Cell No.....
 Particulars of Bank :

	Junk .			
Bank Name		Branch Name		
Branch Place		Branch City		
Pin code		Branch Code		
MICR No				
Account Type	Savings:	Current:	Cash Credit:	
Account No. (as appearing in the Cheque Book) :				

(9-digit code number appearing on the MICR Bank of the cheque supplied by the Bank. Please attach Xerox copy of a cheque of your bank to ensure the accuracy of the bank name, branch name & code and Account number) IFSC Code

7. Date from which the mandate should be effective :

I hereby declare that the particulars given above are correct and complete. If any transaction is delayed or not effected for reasons of incomplete or incorrect information, I shall not hold Odisha Power Generation Corporation Ltd responsible. I also undertake to advise any change in the particulars of my account to facilitate the updation of records for the purpose of credit of amount through the internet / RTGS / NEFT.

Date:	Signature of the Party / Authorized Signatory

Certified that the particulars furnished above are correct as per our records.

Bank's Stamp: Date:

Place:

(Signature of the Authorized Official from the Banks)



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PROFORMA FOR BANK GUARANTEE IN LIEU OF DD FOR EARNEST MONEY

(On Non-Judicial stamp paper of appropriate value)

Ref: Date: Bank Guarantee No.

To Odisha Power Generation Corporation Ltd., Ib Thermal Power Station, At/Po- Banharpali, Dist-Jharsuguda-768234.

Dear Sir,

In consideration of Odisha Power Generation Corporation having its Registered office at 7th.Floor, Zone – A, Fortune Towers, Chandrasekharpur, Bhubaneswar-751 023 (hereinafter called the "Owner" which expression shall unless repugnant to the subject or context include its successors and assigns) having issued Tender Specification Against NIT

No	dt	to M/s	having its Registered / Head
office at			(hereinafter called the Bidder) who wishes to
participate in	the said	tender for and you, as a s	special favour, have agreed to accept an irrevocable and
			amount of Rsvalid up to
			condition for participation in the said tender.
We, the		Bank incorporat	ed under law and having one of our
			gistered office/Head office at do here
			undertake to pay to the "Owner" immediately on demand
			st and recourse to the extent of the said sum of
			only). Any such claim/demand made by the said
			us irrespective of any dispute or differences raised by the
			all remain valid up to If any further
			e shall be extended to such required period on receiving
			nose behalf this guarantee is issued.
•			his guarantee during its currency except with the previous
			change in the constitution of the said tenderer or the said
	-	-	here of the Bank, through its authorised officer, has set its
	mp on this ₋		day of20
Witness:			
(Signature)			(Signature)
Name		-	Name
			(Designation with Bank stamp)
			Official Address
			Attorney as per Power of Attorney
_			No
Date			



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PROFORMA OF BANK GUARANTEE FOR MATERIAL PERFORMANCE

(On Non-Judicial Stamp paper of Appropriate Value)

1.0	In consideration	n of OPGC Ltd. Havin	g its registered office	at Zone-A, 7th Floor, Fo	ortune Tower,		
	Chandrasekahar	pur, Bhubaneswar-751023	, Odisha herein-in after o	called the "Owner" which ex	pression shall		
	unless repugnar	nt to the subject or cont	ext include its success	or & assignees) having aw	arded to M/s		
				with its Registere	d/Head office		
	at		here-in after	referred to as the "Contr	ractor" which		
				de its successor, executors &			
	-		-				
				dt			
		C 1	x	actor resulting in a contrac	t bearing No.		
		dated		valued	at		
	Rs	for		and the con	tractor having		
	agreed to provid	agreed to provide a contract performance (Scope of work) Guarantee for the faithful performance of the entire					
	contract equival	ent Rs	10% (ten p	ercent) of the said value of	the contract to		
	the owner for sa	tisfactory performance of	the equipment/materials	supplied (as detailed in the sa	aid agreement)		
	during the Guara	antee period (as detailed in	the said agreement) and	for the due fulfillment by th	e contractor(s)		
	of the terms and	conditions contained in the	e said agreement.				
2.0	We			(here-in after referred to as "	the bank"		
	(Name	& address of Bank)					
	having	its	Head	Office	at		
	e			do here			
			•	ayable by the contractor not	e		
		` .			•••••		
		,	ly as aforesaid	at any time	up to		
				(Days/month/year)			
3.0	We				do		

hereby

(Name of Bank)

Undertake to pay the amounts due to and payable under this guarantee without any demur, reservation, contest, recourse or protest and/or without any reference to the contractor. Any such demand made by the



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owner on the Bank shall be conclusive and binding notwithstanding any difference between the owner and contractor or any dispute pending before any court, tribunal or any other authority. The bank undertakes not to revoke this guarantee during the currency without previous consent of the Owner and further agrees that the guarantee herein contained shall continue to be enforceable till the owner discharges this guarantee.

The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s)/suppliers shall have no claim against us for making such payment.

4.0 We further agree that

the

(Name of 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 enforceable till all dues of OPGC have been fully paid and its claims satisfied or discharged until OPGC certifies that the terms & conditions of the said Agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges this guarantee.

5.0 We further agree with

the

(Name of Bank)

OPGC that OPGC 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) from time to time or to postpone for any time or from time to time any of the powers exercisable by the OPGC against the said contractor(s) and to for bear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, postponement or extension being granted to the said contractor(s) or for any forbearance, act or omission on the part of the OPGC or any indulgence by the OPGC to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

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



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7.0	Notwithstanding anything contained herein a)Our liability under this bank guarantee shall not exceed
	Rs]
	b) This bank guarantee shall be valid uptoc) We are liable to pay the guaranteed amount
	or any part thereof under this B.G only and only if the beneficiary/Govt. serves upon the bank a written claim
	or demand on or before

8.0	We	lastly undertake not to revoke
	this	

(Name of Bank)

. . . .

Guarantee during its currency except with the previous consent of the OPGC in writing.

Dated	the	day	of

The confirmation of this Bank Guarantee is available within our controlling office. The beneficiary in his own interest should obtain such confirmation from the controlling office at the following address

WITNESS with address	For and on behalf of (the Bank)
	Signature
1	
	Name
2	
	Designation
	Authorisation No
	Seal of the Bank