

PRE-QUALIFICATION REQUIREMENT

1	Submission of EMD as specified in NIT (Receipt copy to be enclosed)
2	<p>Bidder should have successfully executed (partly completed running contract / fully completed contract) of similar works for any of the following during the last seven years as on date of opening of tender:</p> <ol style="list-style-type: none"> Three Similar work costing not less than the amount to Rs. 20.72 Lakh each or Two Similar works costing not less than the amount to Rs, 25.90 Lakhs each or One Similar work costing not less than the amount to Rs. 41.44 Lakhs each. <p>Actual executed value shall be considered based on the value excluding the amount of taxes.</p> <p>Bidders to submit work execution certificate duly stamped in original from the work contracting organization bearing its complete address, name of contact person and valid contact phone no(s) in support of this criteria.</p> <p>Note: (i) Bidder should enclose copy of work order / contract against which execution certificate is submitted. (ii) The value of similar work should be distinctly identifiable in the work order / contract.</p>
3	<p>(a). Average Financial turnover during the last three years, ending 31st March 2020 should be at least 15.54 Lakhs.</p> <p>(b). Bidder must have earned profit in any of the three financial years as applicable in the last three financial years as furnished for (a) above.</p> <p>Note: PROFIT shall be PBT earned during any one year of last three financial years as in (a) above.</p> <p>The following documents should be submitted by the bidder:</p> <ol style="list-style-type: none"> Balance sheet and Profit & Loss Account (audited/issued by Chartered Accountant) of last three years ending on 31st March 2020 in support of the above. If financial statements are not required to be audited statutorily, then financial statements are required to be certified by Chartered Accountant.
4	Bidder to submit signed & stamped (on each page) copy of terms & conditions and scope of work unequivocal acceptance of all terms & conditions and scope of work of contract.

Note (i): The party should submit EMD as per Sl. 1, documents mentioned in Sl. NO. 2 & 3 and acceptance as per Sl. 4. These are mandatory qualifying criteria & non fulfillment of any one or more criteria shall render the offer as technically rejected.

Note (ii): Time period for achievement of the Qualification Requirements is in the last 7 years ending on the 'latest date of Bid Submission' of tender.

Note (iii). Definition of similar work:

Civil construction/ structural erection having following (partially or completely) in its scope :

"Supply and Installation / Replacement works* of profile sheets on building's roof & side cladding or Construction of shed / Mezzanine / Warehouse / Workshop".

*Note: The scope having only installation/ replacement/ construction works shall be considered as similar work. However, the scope having only supply works will not be considered as similar work.

Authorized Sign. With seal

Name of the Bidder
Contact details

Address:
E-Mail Address:

Annexure – I

SCOPE OF WORK

Indent No.: 20200432

Name of Work: Replacement of Asbestos sheet with Colour coated Galvalume sheet on the roof & side walls of old Production shop (OPS), Old Administrative building (OAB), Renewal Energy Group (erstwhile Buisness Development cell) & Quality office, Central Stores and parking shed at CFP Rudrapur.

The following shall be in the Contractor's Scope :

- 1). Existing old asbestos sheets to be removed without breaking / without damage, to the extent possible (Removal of sheets from the roof by hammering / Cutting is not allowed).
- 2). Contractor shall also remove cement asbestos debris / off-cuts / broken pieces (if any) resulting due to work and dispose-off the same within a distance of 150 mtrs. The final disposal of old asbestos debris shall be carried out by depositing the same at the face of landfill site or at the bottom of an excavation dug for it, as per Cl. 9 of IS 11768. The site for such disposal shall be provided by BHEL.
- 3). Supply & installation of new color coated (blue color finish on outer surface) Galvalume Sheets, FRP sheets, puffed sheets, Gutters, Ridges, down take pipe and Turbo ventilator etc. in following structures at BHEL: (a) OPS, (b) REG / Quality office, (c) OAB, (d) Central stores & (e) Parking shed at BHEL-CFP, Rudrapur, as specified in Annexure - IV. Quantity mentioned in Annexure-IV is tentative and may vary at the time of actual execution. The payment will be subject to actual quantity used as per the final measurement of work. (Note: All quantity of any item supplied should be of single make from the makes mentioned in annexure-IV) size, shape and pitch of corrugation should be identical for item no 1, 5 and 7 (Base Plate).
- 4). The Sheet shall be fixed using self-drilling/ self-tapping screws of suitable size with EPDM seal, complete up to any pitch in horizontal/ vertical or curved surface including cutting to size and shape as per requirement of BHEL.
- 5). All hardware required for installation will be in the contractor's scope. All hardware should be of zinc coated type. **Specified make for hardware is Hilti / HP / Corroshield / Patta.** Hardware will be supplied in sealed pack and will be verified by BHEL before opening of packing.
- 6). Contractor shall ensure proper storage, upkeep & maintenance of supplied items till execution/installation. Leveled area for storage of items within BHEL premises shall be provided by BHEL.
- 7). Replacement / rectification of any material / work found not conforming to the specifications / requirement during the course of supply of material, work execution or after completion of work as and when notified to the contractor by BHEL.
- 8). Provide manufacturer's test certificate of all supplied material conforming to the make / specification as per relevant IS standard wherever mentioned as per the contract.

TERMS & CONDITIONS

1. Work is to be executed strictly as per scope of work & Terms & conditions stipulated in Annexure – I & Annexure – II respectively.
2. Bidder has to quote prices only in Price bid format as per Annexure-V. The rate for individual activities shall be calculated as per Annexure- IV (BOQ cum Price distribution sheet).
3. **Safety:** Adequate safety precautions, safety belts, safety shoes, helmet, PPEs for contractor's workmen & taking work permit from BHEL as per Format F-HSE-18(shall be provided by BHEL) for working at height >7ft, arrangement & use of safety net at Old Production Shop to prevent falling of splinters / accidental fall of workmen engaged shall be the sole responsibility of contractor. It may be noted that wearing of safety shoes shall be the essential requirement for entering into BHEL premises. Contractor should ensure & provide valid test certificate of safety belt for all PPEs used by the contractor or its workmen. Contractor shall follow all preventive norms as applicable at BHEL premises regarding COVID-19.
4. **Specification / Sourcing of Material:** Length of profile & Puffed sheets (of blue color finish on outer surface) used in the work should be in the range of 4000mm(min.) to 6100 mm(max.). Other specification & makes shall be as per Annexure-IV. Wherever IS code is mentioned in the specification, the same shall refer to the latest version of IS. Material shall be sourced from OEM or authorized dealers of approved make(ref. Annexure-IV). Contractor shall submit copy of delivery challan & invoice from OEM / authorized dealer as proof of sourcing against firm order from BHEL.
5. **Test Certificate:** Manufacturer's test certificate shall be provided by supplier along with the supply against firm order from BHEL.
6. **Site clearance** for commencement of work by the contractor shall be provided by BHEL within one week from the date of LOI / Work order.
7. **Delivery terms:** Work shall be completed in all respect within 45 days from the date of award of LOI / Work order.
8. The compatibility of interrelated items & co-ordination of work has to be ensured by the contractor during supply and I&C.
9. **Quality of Supply & workmanship:** Contractor should ensure that the supply of the items be made strictly as per the make & specifications mentioned in Annexure – IV. The overlapping of sheets, ridges & gutters in final work should ensure minimum overlapping of 300 mm.
Items not as per the required make / specification, damaged, dented / bent items, misaligned / improper installation found at the time of the supply of item or after installation work has to be rectified / replaced by the contractor to the satisfaction of BHEL before site handover to / takeover by BHEL. Item / Work not found as per specified make / specification shall be rejected.
10. All Tools, Tackles, Safety equipment's / provisions, PPE's, movement of manpower & material for the work, fulfilment of statutory obligations w.r.t. the workmen engaged, shall be arranged by the contractor.

11. All Material / tools & tackles supplied / brought inside BHEL premises by the contractor under the contract awarded shall be through contractor's material challan (returnable / non-returnable) duly stamped at BHEL security gate, a copy of which is also to be submitted to Civil deptt. of BHEL-CFP for records.
12. **Inspection: A) For material:** Pre-Dispatch inspection of material (for each lot) shall be done by BHEL or its authorized third party for which the contractor shall raise the inspection call to BHEL min. 7 days in advance for which as follows:
- i) Inspection for dimensions & appearance / workmanship / finish as applicable as per relevant IS.
 - ii) Verification of test certificate conforming to relevant IS.

Contractor shall obtain dispatch clearance for the inspected items from BHEL before dispatch.

B) For work : Inspection of work executed by the contractor shall be carried out by BHEL at site.

Note: Any material & work found not conforming to the specifications / requirement of contract and notified to the contractor by BHEL at any stage shall be rectified / repaired by the contractor to the satisfaction of BHEL within delivery schedule at no extra cost to BHEL.

13. **Measurement of work:** The work executed by the contractor shall be measured, recorded & verified at site jointly by BHEL & Contractor representatives and the same shall be entered in measurement book (M.B.). Unit of measurement for individual items shall be as mentioned in Annexure-IV. Length & width measurement of the executed work for sheets, ridges, gutters & down take pipes shall be considered in running meters (excluding overlapping portion).
14. **Handing over / Taking over of site:** Contractor shall hand over the site to BHEL after completion of work. BHEL shall take over the site after inspection based on satisfactory completion of work by contractor and measurement of work.
15. **Payment terms:** Contractor shall raise invoice only after completion of 100% work. Payment against satisfactory completion of work shall be made to the contractor on actual measurement of work as per Cl. 13, within 45 days of submission of invoice in duplicate along with handing over / taking over certificate by the contractor through e-payment to the contractor's account.
- *Note: The payment shall be subject to the following conditions:
- (i) All payments will be subject to TDS & GST. Other statutory deduction as per applicable rules.
 - (ii) No mobilization / re-mobilization advance for the work or compensation therefor shall be Payable by BHEL to the contractor.
 - (iii) No payment shall be made for only supply of material without installation and thereby no claim of payment by the contractor against supply of material not forming the part of final installation shall be entertained / made by BHEL.
16. **Risk Purchase:** BHEL reserves the right to exercise risk purchase in case of failure on the part of contractor to meeting the contractual obligations under the contract w.r.t.

unsatisfactory execution of work and/or quality, incomplete work carried out by the contractor & failure to meet delivery schedule. BHEL shall not be liable to compensate the contractor for any loss arising out of risk purchase action.

17. **Liquidated DAMAGES/PENALTY:** If the contractor fails to maintain the required progress of work resulting in delay in the completion of the work against delivery schedule(ref. Cl.7), BHEL shall have the right to impose Liquidated Damage / Penalty at the rate of 0.5% of the contract value, per week of delay or part thereof subject to a maximum of 10% of the contract value. For this purpose, the period of delay shall be the delay attributable to the Contractor for the completion of work as per contract. Contract Value for this purpose, shall be the final total executed value of contract.
18. **Time Extension :** In case, the work is delayed due to Force majeure conditions like, abnormally bad weather, serious loss or damage by fire, civil commotion, strike or lockout, flood, riots, cyclone, earthquake etc. any other cause including non-availability of storage / delay in site clearance for work by BHEL, which in the absolute discretion of BHEL is beyond the contractor's control, request for extension of time along with reason(s) to be eligible for consideration, shall be made by the contractor in writing within seven days of the happening of the event causing delay but before expiry of scheduled date of completion. BHEL may or may not, at its discretion, give any extension after review of contractor's application and mere submission of application for extension shall not absolve the contractor of its obligation to complete the work within scheduled time or liable to be penalized for delay unless time extension is provided by BHEL. Status on grant / turndown of extension request shall be communicated to the contractor.
19. **Warranty & Security Deposit:** Onsite **warranty of 24 months** against defective supply & defective workmanship shall be applicable from the date of completion of work against contract and taking over of site by BHEL. Any defect found in supply during warranty period shall be replaced free of cost by the contractor. Similarly, any defect in workmanship detected during warranty period shall be rectified free of cost by the contractor. Contractor shall be required to deposit an interest free security deposit @5% of contract value before start of the work, which shall be retained by BHEL upto two months after successful completion of the warranty period.
20. Contractor shall take due care in carrying out the works so as not to cause damage to BHEL property. Any damage to BHEL property caused and attributed to the contractor or its workmen shall be repaired / 100% compensated by the contractor at its risk & cost.

21. Bidder / contractor shall provide the following information :

Particulars	Requirement	Bidder's / Contractor's Remarks
EPF Registration No	Enclose a Copy	
ESI Registration No.	Enclose a Copy	
Pan Card No	Enclose a Copy	
GST Registration no.	Enclose a Copy	

Bank Account Details IFSC Code Account No. Bank Name Branch Name	Furnish details	
Acceptance to engage trained /qualified staff / workmen	Bidder's acceptance required	

22. The actual quantity used in the final work may vary upto 10% for the individual activities vis-à-vis the quantity mentioned in Annexure-IV.

BOQ CUM PRICE DISTRIBUTION SHEET - for 1 set of work

Name of Work: Replacement of Asbestos sheet with Colour coated Galvalume sheet on the roof & walls of old Production shop (OPS), old Administrative building (OAB), Renewal Energy Group (erstwhile Business Development Cell) & Quality office, Central Stores and parking shed at CFP Rudrapur as per scope of work (in Annexure-I) and Terms and conditions (in Annexure-II).

S. No.	Description of Activity	Quantity	Unit	Activity wise Percentage against total cost	Make	GST in % (to be quoted by bidder)
1	SUPPLY AND INSTALLATION OF COLOR COATED GALVALUME STEEL PROFILE SHEET OF 0.50MM (Min) +0.05% TCT HIGH STRENGTH 550MPA (MIN) CONFORMING TO IS 14246:2013 & HAVING ZINC COATING OF MIN 120GM/M2 AS PER IS 277:2018, 5-7 MICRONS EPOXY PRIMER ON BOTH SIDE & POLYSTER TOP COAT 15-18 MICRONS HAVING PLASTIC PROTECTIVE FILM 25 MICRONE (Min) TO AVOID DAMAGE DURING TRANSPORTATION	3796.5	Sqm	38.11%	JINDAL, JSW, TATA, EVEREST, BHUSHAN STEEL, ESSAR, CHARMINAR, KAMDHENU	
2	SUPPLY AND INSTALLATION OF COLOR COATED GALVALUME STEEL SHEET GUTTERS 600MM OVER ALL GIRTH, 0.50MM (Min) +0.05% TCT ZINC COATING 120GSM AS PER IS 277:2018 IN 550MPA (MIN) STEEL GRADE, 5-7 MICRONS EPOXY PRIMER ON BOTH SIDE & POLYSTER TOP COAT 15-18 MICRONS CONFORMING TO IS 14246:2013	971	RM	8.55%	JINDAL, JSW, TATA, EVEREST, BHUSHAN STEEL, ESSAR, CHARMINAR, KAMDHENU	
3	SUPPLY AND INSTALLATION OF COLOR COATED GALVALUME STEEL SHEET RIDGE 600MM OVER ALL GIRTH, 0.50MM (Min) +0.05% TCT ZINC COATING 120GSM AS PER IS 277:2018 IN 550MPA (MIN) STEEL GRADE, 5-7 MICRONS EPOXY PRIMER ON BOTH SIDE & POLYSTER TOP COAT 15-18 MICRONS CONFORMING TO IS 14246:2013	500	RM	3.86%	JINDAL, JSW, TATA, EVEREST, BHUSHAN STEEL, ESSAR, CHARMINAR, KAMDHENU	
4	SUPPLY AND INSTALLATION OF COLOR COATED GALVALUME STEEL SHEET DOWN TAKE PIPES OF GIRTH 400MM SQUIRE CONSTRUCTION, 0.50MM (Min) +0.05% TCT ZINC COATING 120GSM AS PER IS 277:2018 IN 550MPA (MIN) STEEL GRADE, 5-7 MICRONS EPOXY PRIMER ON BOTH SIDE & POLYSTER TOP COAT 15-18 MICRONS CONFORMING TO IS 14246:2013	385	Rm	3.45%	JINDAL, JSW, TATA, EVEREST, BHUSHAN STEEL, ESSAR, CHARMINAR, KAMDHENU	
5	SUPPLY AND INSTALLATION OF DAY LIGHT PROFILE PANEL (FRP) OF 2MM (MIN) THICKNESS CONFORING TO IS 12866 SHAPE & PITCH OF TRAPEZOIDAL PROFILE FRP SHEET SHOULD MATCH WITH PROFILE OF SL. NO.1	713.94	Sqm	12.13%	JINDAL, JSW, TATA, EVEREST, BHUSHAN STEEL, ESSAR, CHARMINAR, KAMDHENU	
6	SUPPLY AND INSTALLATION OF POLYURETHANE FOAM (PUF) OF 30 MM (Min) TCT CONFORMING TO IS 12436:1988 HAVING COLOR COATED GALVALUME STEEL OF 0.50MM (Min)+0.05% TCT HIGH STRENGTH 550MPA (MIN) AT TOP & BOTTOM SHEET CONFORMING TO IS 14246:2013 & SHALL HAVE ZINC COATING OF MIN 120GSM AS PER IS 277:2018 HAVING PLASTIC PROTECTIVE FILM 25 MICRONE (MIN)	660	Sqm	30.58%	JINDAL, JSW, TATA, EVEREST, BHUSHAN STEEL, ESSAR, CHARMINAR, KAMDHENU	
7	SUPPLY AND INSTALLATION OF 24 INCH TURBO VENTILATOR ALONG WITH FRP BASE SHEET OF LENGTH 1800MM (MIN) WIDTH 1200MM (MIN) SHAPE & PITCH OF TRAPEZOIDAL PROFILE OF BASE SHEET SHOULD MATCH WITH PROFILE OF SL. No.1	26	Nos.	3.32%	AIR CREATIONS INDIA, JSW, GISCO, EVEREST, KANSAL COLOUR & SHRIYA FRP BRANDS.	
	TOTAL	-	-	100.00%	-	-

Note: 1). Size, shape and pitch of corrugation to be identical for item no 1, 5 and 7 (for base sheet of Turbo ventilator) for mutual compatibility during installation.

2) Total amount (including GST) quoted by the bidder in Annexure-V shall be distributed & allocated to individual activity as per the above percentage. Basic rate for individual activity shall be worked out as per quoted amount (with GST) & respective GST rate for all activities.

3) The actual quantity used in the final work may vary upto 10% for individual activities vis-à-vis the quantity mentioned above.

4) Payment shall be made on actual GST rate or quoted Rate, whichever is lower, on actual consumption.

5) The correctness for GST tariff and its payment to government shall be the sole responsibility of supplier. Accordingly, supplier has to ensure the tariff of GST quoted for the above activities.

INDENT NO. 20200432

FORMAT OF PRICE BID

SL. NO.	DESCRIPTION OF WORK	QUANTITY	TOTAL amount including GST (in Rs.)
1	Replacement of Asbestos sheet with Colour coated Galvalume sheet(including supply & installation) on the roof & walls of old Production shop (OPS), old Administrative building (OAB), Renewal Energy Group (erstwhile Business Development Cell) & Quality office, Central Stores and parking shed at CFP Rudrapur as per annexure- I, II & IV.	1 Set	<p>← To be quoted in Price Bid →</p> <p>HERE NOT TO be quoted</p>

Total amount (including GST) in words : Rupees

_____ Only

Note: (1) GST for individual activity to be mentioned in % age in the Annexure-IV only.

(2) No term / condition should be mentioned in the price bid. If any term / condition is found mentioned by the bidder in the price bid, the offer shall be rejected.

(3) Total amount quoted above shall be distributed as per Annexure - IV.

(4) Evaluation of price bid will be done on "Total amount including GST" .

Declaration by the bidder :

I have read and understood all the documents of NIT and have submitted our quote accordingly

(Bidder's Signature with Stamp)