

ANNEXURE-C
TECHNICAL SPECIFICATION

Enq.No: BAP/PUR/UTY/ Polycarbonate Modular panel system/15
Dt 14 .11.2013

Page: 1/1

Sealed Bids (Two Part Basis) are invited from prospective suppliers for supply of north light glazing system by 8 mm thick multi cellular trance lucent standing seam POLY CARBONATE MODULAR PANEL SYSTEM as per Scope, Size, Specification, Standards and Quantities as listed below.

LAST DATE FOR SUBMISSION OF BID: 20.12.2013 14.00 HRS IST

BID OPENING DATE: 20.12.2013 AT 14:30 HRS IST

SNO		1	2
1	MATERIAL CODE	IM8161018000	IM8161017000
2	Material Description(In Meter)	POLY CARBONATE MODULAR PANEL(1.20 X 0.6)	POLY CARBONATE MODULAR PANEL(1.05 X 0.6)
3	SIZE (Length X Width) IN MM	1200 X600	1050 X 600
4	UNIT	NO	NO
5	QTY (in Nos)	6600	2050
6	PANEL TYPE	Multi Cell (3 cell,4 wall) standing seam	Multi Cell (3 cell,4 wall) standing seam
7	THICKNESS(in mm)	8	8
8	LIGHT TRANSMISSION	Above 50 up to and including 70	Above 50 up to and including 70
9	LOCKING	Grip Lock Mechanism	Grip Lock Mechanism
10	U.V PROTECTION	On both side co extruded	On both side co extruded
11	PANEL CONNECTOR	Snap on Aluminium	Snap on Aluminium
12	DUST PROTECTOR	Thermally sealed on both sides	Thermally sealed on both sides
13	COLOUR	Clear	Clear
14	LOAD CAPACITY	Min 182.0 kg/sqmtr	Min 182.0 kg/sqmtr
15	PANEL WIDTH	600 mm	600 mm
16	WEIGHT OF PANEL	1.7 kg/sq mtr minium	1.7 kg/sq mtr minium
17	FASTENERS	Anchoring Clip stainless steel & end cap for aluminium connector screws etc	Anchoring Clip stainless steel & end cap for aluminium connector screws etc
18	Warrenty Required	10 years	10 years

Note:-Tolerance for dimension as per 14443/1997,Fixing details & drawings may submitted along with offer and Load test Certificate from BHEL approved Laboratory to be submitted

Manager/Purchase

**Boiler Auxiliary Plant , Bharat Heavy Electricals
Limited , Ranipet Tamilnadu- 632406**

Purchase Department

NOTICE INVITING TENDER

OPEN TENDER Ref: BHEL/BAP/PUR/UTY/Polycarbonate/15 Dt 14.11..2013

Sub: Sealed Bids (Two Part Basis) are invited from prospective Suppliers for supply of Polycarbonate Modular Panel System

- Last date for Submission of Bid: 20.12.2013 before 14.00 Hrs.
- Technical Bid Opening Date : 20.12.2013 at 14.30 Hrs

Enquiry No : BAP/PUR/UTY/POLYCARBONATE /15 dt. 14.11.2013

Item : Polycarbonate Modular Panel System

Contents:

Annexure-A

- (a) General terms and conditions of enquiry
- (b) Pre-Qualifying Requirement for Vendors Supplying polycarbonate modular panel system
- (c) Reverse Auction terms and conditions
- (d) MSME status
- (e) Supplier Registration Forms.

Annexure-B

- (a) Commercial Terms and Conditions

Annexure-C

- (a) Technical Specifications.

Annexure-D

Special Terms and Conditions

Annexure-E

Standard Terms and Conditions

Contact Details

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ANNEXURE-A
TO OPEN TENDER ENQUIRY# BAP/PUR/UTY/ Polycarbonate modular panel
system / 15 dt.04.11.2013

General Enquiry Terms & Conditions

1. Offers from indigenous manufacturer (OEM)/Authorised Distributor, who satisfy the necessary tender requirements alone will be considered.
2. Tenderers who are not already registered with BHEL,Ranipet , while submitting their offer are requested to fill up The Supplier Registration Form (SRF) attached herein and submit the same along with Technical Offer. Supplier registration Forms are to be duly filled in all aspects and submitted with supporting documents. The offers of bidders who fail to submit the SRF before price bid opening may not be considered for further evaluation. Hence bidders are advised in their own interest to submit the SRF in the first instance itself along with the technical bid
3. Tender shall be submitted in two parts. Part – 1 (in first cover) shall consist of the Technical offer along with all necessary technical annexures, Supplier registration forms duly filled with necessary supporting documents, Confirmation to prequalification requirement (PQR) (available in Annexure-A) with supporting documents, copy of the unpriced bid format and filled commercial terms and conditions (available in Annexure-B). Part – 2 (in second cover) shall consist only of the price bid. Both bids shall be submitted in separate covers sealed and superscribing Enquiry No., Due date and Technical Bid / Price Bid.
4. This enquiry shall be subject to jurisdiction of the Courts at Ranipet, Vellore District, Tamilnadu.
5. Any revised offer (S) sent by vendors on their own, after the tender opening will be treated as "Unsolicited Offer". Such offers will not be considered and necessary action as deemed fit will be taken by BHEL on those vendors. Hence, competitive offer shall be given in the original offer itself.
6. Tender should be sent in duplicate in a sealed cover. Inner cover sealed with tenderer's distinctive seal and superscribed with correct Tender no., Item of Supply, Due date of opening and Validity of the offer addressed by designation to Manger / Purchase, Bharat Heavy Electricals Limited, Boiler Auxiliaries Plant, Indira Gandhi Industrial Complex, Ranipet, Vellore District – 632406, India.
7. Unpriced Bid (Price bid without price) is to be submitted along with Technical Offer.

8. **Authorization Letter:** Such of those tenderers who wish to participate in the Tender Opening, should attach an authorization letter which shall be duly signed and stamped in original, identifying the representative to be deputed for tender opening
9. BHEL wishes to finalize the purchase through Reverse Auction (RA). General Terms & Conditions for Reverse Auction are attached herein.

PRE QUALIFYING REQUIREMENT (PQR) FOR VENDORS SUPPLING Polycarbonate Modular Panel System

- 1) **The supplier should be a manufacturer/ Authorised distributor. In case of the Offer being submitted by an authorized distributor , an authorization letter authorizing the distributor to submit offer for this particular tender, should be submitted along with the technical bid.**
- 2) **The supplier should have supplied to public sector (or) reputed private sector and should have supplied this item within the last 3 years.**
- 3) **The Dimension tolerance should be as per IS 14443/1997.**
- 4) **The Vendor should have supplied 50% of our enquiry qty in one order in the preceding three years.**

GENERAL TERMS AND CONDITIONS OF REVERSE AUCTION

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on Internet.
3. BHEL will inform the vendor in writing, in case of reverse auction, the details of service provider to enable them to contact and get trained.
4. Business rules like event date, time, start price, bid decrement, extensions, etc. also will be communicated through service provider for compliance.
5. Vendors have to fax the compliance form in the prescribed format (provided by service provider) before start of Reverse auction. Without this the vendor will not be eligible to participate in the event.
6. BHEL will provide the rate schedule (e.g. EXCEL sheet) for the vendor to enable them to fill-in the price and keep it ready for keying in during the auction. In the event of discrepancy in rate and amount against any item of work, the least of the two will be taken for bid price. In case of discrepancy between the total price indicated in price bid and the arithmetic sum arrived based on rate quoted, then also the least of the two will be taken for the bid price. The bids are compared on the total price quoted and NOT on individual ITEM of works.
7. Reverse auction will be conducted on scheduled date & time.

8. At the end of reverse auction event, the lowest bidder value will be known on the network.
9. The lowest bidder has to fax the duly signed filled-in prescribed format as provided on case-to-case basis to BHEL through Service provider within 24 hours of auction without fail.
10. Opening bid in reverse Auction: The opening bid (in the reverse Auction) of the bidders shall be same as that quoted in their final sealed price submitted to BHEL(along with Technical offer). The bidder shall confirm in writing to BHEL that their opening bid (in reverse auction) shall be same as that quoted in their final sealed price bids submitted to BHEL against this NIT along with Technical Bid (Part-1).If any bidder offered a unsolicited discount or rebate, in separate cover etc. in any place other than the sealed price bid, then the opening price bid in reverse auction, by such a bidder in Reverse Auction, shall be the price offered in final sealed price bid submitted (against this NIT) minus discount offered in any place other than the sealed price bid.
11. BHEL reserves the right to cancel Reverse Auction (RA) without assigning any reasons and resort to considering the sealed bids submitted by vendor for processing and finalizing the tender.
12. In case the process of reverse auction is found unsuccessful by BHEL, then BHEL at its discretion may decide to call the L1 bidder of reverse auction for further negotiation.
13. Any variation between the on-line bid value and signed document will be considered as sabotaging the tender process and will invite disqualification of vender to conduct business with BHEL as per prevailing procedure.
14. In case BHEL decides not to go for Reverse auction procedure for this tender enquiry, the Price Bids and price impacts, if any already submitted and available with BHEL shall be opened as per BHEL's standard practice.
15. Only those vendors, who participate in the Online Initial Opening Bid, will be eligible to participate in the subsequent Online English Reverse Auction.
16. Price bids offered by the bidders during reverse auction process is considered as an offer to execute the work. Bids once made by a bidder cannot be cancelled/withdrawn and bidders shall be bound to execute the work at the final bid price. BHEL shall take appropriate action if the bidder fails to do so.
17. Cancellation of RA: Even where BHEL has specified Reverse Auction as the mode of competitive bidding in the tender enquiry, BHEL reserves the right to cancel the RA and go in for competitive sealed price bidding. In that event, BHEL would intimate the acceptable offers of the same in writing. The decision of BHEL to replace RA with competitive sealed bidding would be final and would be binding on all the technically qualified bidders. Such decision would be communicated to the technically successful bidders and BHEL is under no obligation to assign any reason for changing the mode of bidding from RA to sealed cover competitive bidding. It shall be presumed that all bidders participating in this tender have read this condition and have accepted this, in submitting their offer. Bidders would then given an opportunity to submit their reduction impact price bid if any, in sealed cover, which would be considered together with the price bids submitted along with the original/technical offer and other impact price bids if any arising out of changes in the technical scope. In case tenderers choose not to offer any reduction impact, then they would have to submit a statement to that effect, also in a sealed cover for opening along with price bids.

MSME status - Applicable for Indian vendors only

As per the public procurement policy notified by the central government, micro and small enterprises quoting within the price band of L1+15% shall be allowed to supply a portion of the requirement up to 20% of the tender value subject to condition that such enterprises bring down their price to L1 price where L1 price is from other than a micro and small enterprise. If L1 offer is from a micro / small enterprise, this provision will not be applicable. In case more than one micro and small enterprise is there within this span, the supply quantity (20%) shall be shared proportionate to the tender quantity. (70:30 or 50:30:20 of the eligible quantity)

Note: Special provision for micro and small enterprises owned by SC or ST: -

Sub target out of 20% (i.e. 4% out of 20%) would be earmarked for procurement from micro and small enterprises owned by the scheduled caste or scheduled tribe entrepreneurs provided that in event of failure of such micro and small enterprises to participate in the tender process or meet the tender requirements and the L1 price, the 4% sub-target for procurement ear-marked MSE owned by scheduled caste or scheduled tribe entrepreneurs shall be met from other MSE enterprises/s. The MSE concession is subject to condition that latest valid certificate for MSE and ownership is submitted along with the offer duly certified by a practicing chartered accountant that the investment in the plant from which the supply would be made is on MSE. Offer/s received without these documents will be treated as non-mse and order finalization will be done based on this premise. This provision for MSE will apply subject to the condition that the participating MSE meets the other tender requirements.

To avail the above benefit, MSE status duly certified by a chartered accountant in the enclosed format shall be submitted in original. Photocopy will not be accepted.

**ANNEXURE –B to Open tender ENQ. No. BAP/PUR/UTY/ Polycarbonate modular panel system/ 15 Dt 14 11 2013
(For Indigenous sources only)**

Essential Commercial Terms and Conditions (To be filled in full and to be submitted along with offer)

DESCRIPTION	BHEL Requirement	Suppliers Confirmation
PRICE	Firm till completion of order (Offer with Price variation clause is not acceptable)	
DELIVERY TERMS	F.O.R. DESTINATION (BHEL Stores, Ranipet-632 406, Tamil Nadu)	
PACKING & FORWARDING	To be included. (if extra indicate in %)	
FREIGHT & INSURANCE	To be included. (if extra indicate in %)	
EXCISE DUTY in %	(Excise Invoice to be given for Cenvat benefit)	
Educational Cess in %		
SALES TAX in %	To be indicated by supplier.(Concessional form C / XVII will be given)	
OCTROI	If any, to supplier's account only.	
PAYMENT	100% within 90 days of receipt & acceptance of material at BHEL Stores, Ranipet against submission of PBG for 10% of order value. Payment terms seeking advance and offers seeking payment through LC will be rejected	
DELIVERY PERIOD	To be indicated by supplier as per enquiry. Please indicate Firm delivery period with clear reference from the date of LOI/ PO	
L.D.CLAUSE: As indicated in Enquiry (as per IMPORTANT NOTE)@0.5% per week, max of 15% for the delayed delivery. In case any bidder is not accepting the above penalty for delayed Supply, the offer of bidder shall be loaded to the extent to which it is not agreed by the bidder. Example: If the Supplier has accepted for maximum 10% penalty clause, then balance 5% will be loaded for evaluating lowest bidder		
OFFER VALIDITY	Minimum 90 days from the date of price bid opening / Reverse Auction	
TEST CERTIFICATE	Required	
Confirmation that bidder is Original Equipment manufacturer along with name and place of manufacturing		
Supplier Registration Forms- Supplier registration forms in the format available in Annexure-A to be submitted along with the technical offer.		
Risk Purchase clause: Your confirmation to our standard risk purchase clause that alternatively the Purchaser at his option will be entitled the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute there for. The supplier shall be liable for any loss which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in clause 10 above. Bidders who do not accept this clause will be rejected		
BHEL Standard Guarantee Clause: Your confirmation to our standard Guarantee clause that the materials are to be guaranteed for satisfactory performance for a period of twelve months from the date of commissioning / putting into use (or) eighteen months from the dispatch which ever is earlier and if any defect is noticed during the above period, the same shall be rectified/replaced free of cost on Ranipet/ Destination basis within a reasonable time. To this effect a Guarantee certificate should be sent along with the dispatch documents in the event an order		
Performance Bank Guarantee 10% of Purchase Order value is required with validity period of 12 months from the date of commissioning (or) 18 months from the date of dispatch which ever is earlier plus three months claim period is also required [PBG shall be from BHEL consortium of banks and in BHEL prescribed format and the same shall be provided along with the Purchase order]. Bidders who do not accept this clause will be rejected		
Confirmation if unpriced bid copy is enclosed along with technical offer		

Date:

Name & designation of the seller