

Deepak Kumar

From: Deepak Kumar <kumard@bhel.in>
Sent: 05 February 2026 12:20
To: 'Deepak Kumar(Dy. Engineer/9750_L&D/BAP'
Cc: Ashok Kumar(Manager/U APH & FANS/BAP); Neeraj Kumar Srivastava(Dy Manager/9762_FGD/BAP); Mallikarjun Nayak(Sr Manager/U APH & FANS/BAP); V Ramesh(Addl GM/U APH & FANS/BAP)
Subject: Requirement of COPPER PIECE DIA 6 MM as per IS 613-Reg
Attachments: Commercial Terms & Conditions docs.pdf; SDDR.pdf; 4 STANDER QUALITY PLAN.pdf; 2 TECHNICAL SPECFECTION.pdf; 3 PQR.pdf

Sir / Madam,

We require **LIGHT ASSEMBLY** as per details given below. Please submit lowest quotation on firm price basis through return mail on or before **16.02.2026, 14:00 Hrs.**

Sl. No.	Material code	Description	Unit	Qty.	Price Per Unit in Rs.
1	963201660000	Light Assembly with well glass fitting as per APSQ 126 Rev 00	No.	26	

Tender Terms & Conditions:

- 1) Specification:** Item shall be as per description and APSQ 126 Rev 00.
- 2) Evaluation of offer:** Evaluation of offers/bids will be on **TOTAL VALUE WISE** for arriving L-1.
- 3) Preferred Delivery:** Material is require within 04 weeks from PO date at BHEL Ranipet Stores.
- 4) Payment Term:** a) For Micro/Small Enterprises- 100% payment will be made within 45 days from the date of receipt and acceptance of materials at BHEL Stores /Site.
c) For Non-MSME- 100% payment will be made within 90 days from the date of receipt and acceptance of materials at BHEL Stores /Site.
- 5) Pre-Qualification Requirements (PQR):** Offers received from bidders meeting the Pre-Qualification Requirements (PQR) shall only be considered. Bidder should submit/Upload the supporting documents called for in the (Pre-Qualification Requirement (PQR). Incomplete bids are liable to be rejected.
- 6) Quality Requirement:** Manufacturer Quality Plan (MQP) is applicable. Bidder to submit signed & sealed copy of quality plan format as an acceptance. L-1 vendor has to submit MQP for BHEL approval after placement of PO.
- 7) Deviation, if any, w.r.t TECHNICAL, QUALITY AND COMMERCIAL shall be indicated in SPECIFICATION DEVIATION DISPOSITION REPORT (SDDR) only. Deviations indicated in any other documents of the offer shall be ignored and treated as null & void. SDDR duly signed with seal of authorised signatory shall be submitted along with technical bid. NIL report to be submitted in case of NO deviation.
- 8) Fill the attached commercial T&C format and send it along with offer without fail.

Regards,

Deepak Kumar | Engineer | Purchase | BHARAT HEAVY ELECTRICALS LTD |
BAP- Ranipet | 632 406 | e-mail: kumard@bhel.in | Contact: 04172-284326 | +91 7904292067

Note:- "All Suppliers / Contractors are informed that the facility for **online invoice registration and document uploading** has been enabled in the **SUVIDHA Portal** (<https://suvidha.bhel.in/suvidha/>). With effect from **01-Oct-25**, it shall be mandatory for all Suppliers / Contractors of BHEL to **register** their invoices **exclusively through the system** along with the requisite documents."

 Bharat Heavy Electricals Ltd Boiler Auxiliaries Plant Ranipet - 632 406		EDC / AIR PREHEATERS TECHNICAL SPECIFICATION Effective Date: 02.12.2025			
Specification No: APSQ – 126		Rev. No: 00		Page No: 01 of 02	
01. Item	LIGHT ASSEMBLY WITH WELL GLASS FITTING				
02. Material code(s)	Light assembly	963201660000			
03. Application	Used in Regenerative Air Preheaters for illumination to inspect the condition of Heat Transfer Surface.				
04. Surroundings	Dusty, humid & corrosive atmosphere of coal / oil fired boilers.				
05. Ambient temperature	50°C				
06. Mounting	With adjustable cradle with eye bolt for fixing the fixture Angle of adjustment: 0 to 90° (min)				
07. Lamp Body Assembly (as per sketch in page 2)	a) Material: Cast Aluminum b) Gasket: Neoprene c) Cable entry: Through 3/4" Flexible conduit with BSP 3/4" ext. end connector at one end. d) Toughened heat resistant well glass to suit lamp body e) Terminal block: Porcelain type to suit 2C-2.5Sq.mm Cu Ar.Cable				
08. Bulb	100 Watts (max) LED, 230 V, AC, Min. 6000 lumens, Cool day light with surge protection. All applicable electronic units shall not be exposed outside and shall be kept inside lamp body.				
09. Ingress protection	IP 66				
10. Temperature class	T5 or better				
11. Light spreading angle	≥180 Deg				
Lamp life	50000 hrs.				
Total Harmonic Distortion	Less than 10%				
12. GENERAL	a) Only latest revision shall be referred for all the Standards specified. b) Detailed dimensional drawing indicating materials of construction & weight shall be submitted along with the offer for information. c) Adjustable fixture and lamp body shall be painted with Epoxy paint. d) Lamp shall be BIS certified. e) Polycarbonate diffuser is not acceptable. f) Conduit, End connector & cable will be supplied by BHEL. But vendor shall provide provision in the lamp body fixture to fix 3/4" ext. end connector to connect conduit & cable.				
13. INSPECTION	a) Inspection by BHEL. b) Material Compliance Certificate shall be submitted.				
00	25.11.25	(Sd) PST/VMR	(Sd) AKP	(Sd) VPK	FRESH ISSUE
Rev.No	Date	Prepared	Checked	Approved	Record of Revisions.



Bharat Heavy Electricals Ltd
Boiler Auxiliaries Plant
Ranipet - 632 406

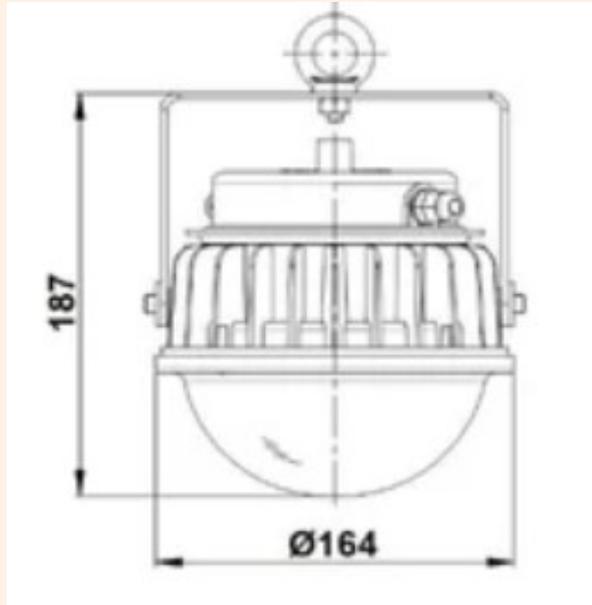
EDC / AIR PREHEATERS
TECHNICAL SPECIFICATION
Effective Date: 02.12.2025

Specification No: APSQ – 126

Rev. No: 00

Page No: 02 of 02

14. Typical diagram of lamp fitting





Pre-Qualification Criteria

Enq. No. & Date:

Bidder's Name:

The following are the Pre-Qualification Criteria for participating in the Tender. Necessary supporting documents shall be submitted for meeting each of the below PreQualification Criteria for evaluation of the offers.			
Sl. No.	Pre- Qualification Criteria	Documentary Evidence to be submitted by Bidder along with offer	Bidders' Remarks/ Comment/ Confirmation
01	Confirmation to Specification	Signed & sealed copy of APSQ.	
02	Bidder should be a Manufacturer/Trader/Dealers/Agents.	Registration certificate / Certificate of Incorporation / Authorisation letter.	
03	Proof of Past Experience or Performance Certificate for supply of Light Assembly or similar item.	PO copy & relevant Invoice/ SRV/ BL. (or) Performance certificate of same PO.	
<p>BHEL reserves the right to consider / Not-consider the offers based on the evaluation of documents submitted for the above Pre-Qualification Criteria. BHEL also reserves the right to have On-Site assessment of the facilities at supplier's works during the bid evaluation.</p>			
<p>In case, any of information is found to be false, even after bid acceptance, immediate termination may happen and action will be taken as per extant guideline of BHEL.</p>			

Declaration:

We understand that all the proofs/documents submitted by our firm for all the above points are subject to verification and in case BHEL finds any discrepancy in any of the documents submitted by us like fake/false/forged documents, Certificates or information, action may be taken against our firm as per extant guidelines of BHEL.

Bidder's Sign with Seal

Manufacturer's Logo, if available		MANUFACTURER'S NAME & ADDRESS:		MANUFACTURING QUALITY PLAN				PROJECT:			
				PRODUCT:				BHEL PO NO & DATE:			
Format No				SUB-SYSTEM :				MQP NO:		REV NO:	
								DATE: DD/MM/YYYY		PAGE: 1 OF 2	
SL. NO	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	AGENCY		REMARKS
1	2	3	4	5	6	7	8	9	D**	**	11

1.0	RAW MATERIALS & BOUGHT OUT ITEMS (BOI):										
									√		
									√		
									√		
2.0	INPROCESS CONTROLS:										
									√		
									√		
									√		
3.0	FINAL INSPECTION :										
									√		
									√		
									√		
4.0	PAINTING, MARKING, PACKING AND PRESERVATION:										
									√		
									√		

		LEGEND: * RECORDS IDENTIFIED WITH "TICK" (√) SHALL BE ESSENTIALLY INCLUDED BY SUPPLIER IN QA DOCUMENTATION.
PREPARED BY	REVIEWED & APPROVED BY	** M: MANUFACTURER, C: BHEL / BHEL AIA, P: PERFORM, W: WITNESS, V: VERIFICATION;
MANUFACTURER	MAIN SUPPLIER (BHEL)	CLASS: A - CRITICAL; B - MAJOR; C - MINOR;
SIGNATURE & SEAL		MTC- MILL /MANUFACTURER'S TEST CERTIFICATE; IR- INSPECTION REPORT.

Manufacturer's Logo, if available		MANUFACTURER'S NAME & ADDRESS:		MANUFACTURING QUALITY PLAN				PROJECT:			
								BHEL PO NO & DATE:			REV NO:
Format No				PRODUCT:				MQP NO:		PAGE: 2 OF 2	
				SUB-SYSTEM :				DATE: DD/MM/YYYY			
SL. NO	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	AGENCY		REMARKS
									M	C	
1	2	3	4	5	6	7	8	9	D**	**	11

NOTES:

1. Latest revision of standards & specifications shall apply.
2. Materials shall be procured in compliance to Functional Technical Specification.
3. Inspection shall be in compliance with approved Quality Control Procedure for the product.
4. Qualified Personnel shall carry out NDT with compliance to approved NDT Procedures and Acceptance Norms, as per ASME Section V.
5. Gauges and measuring Instruments, with valid calibration only shall be used
6. Cleaning and Painting of products shall be carried out as per Approved Painting Schedule as applicable.
7. Finished Products shall be packed to comply with approved Packing Schedule.
8. BHEL Authorized representatives shall have the right to witness the necessary inspection and testing of goods mentioned in the PO. Inspection / Inspection wavier / approval by BHEL does not absolve Supplier's responsibility for conformity of the specification as per the terms of PO.
9. QA Documentation package shall include copy of approved Data Sheets/ Drawings & QP, along with all Material Test Certificate (MTCs), CHPs, Material Dispatch Clearance Certificate for all items.
10. This QP is applicable for mandatory spare also as applicable.

		<p>LEGEND: * RECORDS IDENTIFIED WITH "TICK" (✓) SHALL BE ESSENTIALLY INCLUDED BY SUPPLIER IN QA DOCUMENTATION.</p> <p>** M: MANUFACTURER, C: BHEL / BHEL AIA, P: PERFORM, W: WITNESS, V: VERIFICATION;</p> <p>CLASS: A - CRITICAL; B - MAJOR; C - MINOR;</p> <p>MTC- MILL /MANUFACTURER'S TEST CERTIFICATE; IR- INSPECTION REPORT.</p>
PREPARED BY	REVIEWED & APPROVED BY	
MANUFACTURER	MAIN SUPPLIER (BHEL)	

Annexure-A-Commercial Terms and Conditions - Enq No.

SL. No	DESCRIPTION	BHEL'S REQUIREMENT	SUPPLIER'S RESPONSE
1	SUPPLIER QUOTATION REFERENCE NO. WITH DATE	TO BE FILLEED BY SUPPLIER	
2	PRICE	Firm till completion of order.	
3	DELIVERY TERMS	FOR - Destination means FOR - BHEL Stores, Ranipet [Packing & Forwarding, Freight & Insurance are in Supplier's scope i.e. included in the quoted prices. Unloading at BHEL Stores would be to the account of BHEL only].	
4	PACKING & FORWARDING	Included. (if extra indicate in %age / value lump sum / value per unit)	
5	FREIGHT & INSURANCE	Included. (if extra indicate in %age / value lump sum / value per unit)	
6	GST	Applicable GST (%) to be indicated by supplier. (IGST/SGST/CGST/UTGST) (Applicable on basic price). Bidder to specify the applicable GST is EXTRA or INCLUSIVE .	
7	HSN # No of products	To be indicated for each product	
8	MSME STATUS (MICRO/SMALL/MEDIUM)	Specific category to be indicated by supplier along with supporting document. (MICRO/SMALL/MEDIUM or Not Applicable)	
9	PAYMENT	100% payment will be made directly thru' EFT within 90 days from the date of receipt and acceptance of materials at BHEL Stores, RANIPET for NON-MSE vendor and within 45 days for MSE vendor. If any supplier is asking for payment terms other than the above specified, then suitable loading on cost will be considered. Loading of any deviation in the payment terms w.r.t tender terms will be "Base rate of State Bank of India (SBI) (as applicable on the date of bid opening: Techno-commercial bid opening in case of two part bids) + 6%, will be considered for loading for the periods of relaxation sought by bidders.	
10	DELIVERY PERIOD	To be indicated by supplier in weeks.	
11	L.D.CLAUSE	As indicated in Enquiry (ANNEXURE –B, GENERAL TERMS & CONDITIONS) Confirmation L.D. clause as indicated in Enquiry @ 0.5% per week subject to a maximum of 10% PLUS applicable Goods & Services Tax (GST) 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 5% penalty clause, then balance 5% will be loaded for evaluating lowest bidder)	
12	OFFER VALIDITY	Minimum 90 days from the date of technical bid opening/RA.	

Annexure-A-Commercial Terms and Conditions - Enq No.

SL. No	DESCRIPTION	BHEL'S REQUIREMENT	SUPPLIER'S RESPONSE
13	INSPECTION BEFORE DESPATCH	Will be done at suppliers Works Before Dispatch. No Extra cost shall be offered.	
14	TEST CERTIFICATE	Required at no extra cost	
15	GUARANTEE CERTIFICATE	Period: 12 months from the date of commissioning (or) 18 months from the date of supply whichever is earlier. Required at no extra cost	
16	INSTALLATION & COMMISSIONING	Not applicable	
17	O & M MANUAL	Not applicable	
18	RISK PURCHASE	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, within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute therefor. The supplier shall be liable for any loss, which the purchaser may sustain by reason of such risk purchase in addition to penalty due to Liquidated Damage.SPECIFICALLY CONFIRM YOUR ACCEPTANCE	
19	PERFORMANCE BANK GUARANTEE (PBG)	The Performance Bank Guarantee for 10% of Order Value is to be submitted along with the Supply, Valid for 18 months from the date of Supply + claim period as per Reserve Bank of India (RBI) guidelines. Bidder to confirm.	Not Applicable
20	CONTRACT EXECUTION BANK GUARANTEE (CEBG)	The Supplier shall submit a BG for 2% of the Contract value valid for a period of 03 months in excess of agreed delivery period. Attached CEBG Format is to be signed and submitted along with bid as a token of acceptance. Bidder to note that no deviation is allowed. CEBG should be submitted within 30 days from the date of PO.	Not Applicable
21	Confirmation for Reverse Auction	RA SHALL NOT BE APPLICABLE AGAINST THIS ENQUIRY	
22	GST registration no	Supplier to indicate GST registration no of firm	
23	MANUFACTURING PLACE & COUNTRY	To be indicated by supplier.	
24	CONTACT PERSON NAME WITH TELEPHONE/MOB NO & EMAIL	To be provided by supplier.	
25	Any other charges, if applicable	To be specified by bidder in percentage on basic price	
26	Public Procurement (Preference to Make in India)	For this procurement, Public Procurement (Preference to Make in India), Order 2017 dated 15.06.2017, 28.05.2018, 29.05.2019, 04.06.2020, 16.09.2020 & 29.09.2020 and subsequent orders issued by the respective nodal ministry shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT. In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/ or local content in respect of this procurement, same shall be applicable.	

Annexure-A-Commercial Terms and Conditions - Enq No.

SL. No	DESCRIPTION	BHEL'S REQUIREMENT	SUPPLIER'S RESPONSE
27	Local content declaration	Supplier to furnish the declaration in the attached format (in company letter head) along with bid.	
28	Land Border sharing declaration	Supplier to furnish the declaration in the attached format (in company letter head) along with bid.	
29	I HAVE THOROUGHLY GONE THROUGH EACH LINE ITEMS AND QUOTED THE PRICES ACCORDINGLY	-	

Annexure-C-Technical and Quality

SL No	Description	BHEL's Requirement	Suppliers Comment
1	SPECIFICATION DEVIATION DISPOSITION REPORT (SDDR)	Attached SDDR to be filled & submit along with offer. (Even NO deviation is taken, NIL report to be submitted).	

The above format shall be completely filled and deviation if any shall be clearly spelt out. The columns which are not applicable shall be mentioned as "not applicable". No column should be left blank. Non filling-up of columns may lead to rejection of your offer. If there is any difference (in the points accepted/confirmed) between the offer and this filled-up commercial terms & conditions sheet, the later only shall prevail.

DATE:

SIGNATURE WITH SEAL

ANNEURE – “C” TO ENQUIRY NO:
 REQUIREMENT OF TECHNICAL DETAILS /CONFIRMATION
 (To be filled in full and to be submitted along with offer)

S.NO	DESCRIPTION	BHEL'S REQUIREMENT	SUPPLIER'S COMMENTS
01	SPECIFICATION	To be confirmed as per enquiry technical specification by bidder.	
02	DATA SHEET / DRGS	Filled Data Sheet and your Drgs are to be submitted along with offer. (if applicable).	
03	QUALITY PLAN	To confirm applicable QP will be followed. (OR) Your Quality Plan to be submitted for our review & approval along with offer.	
04	SPECIFICATION DEVIATION DISPOSITION REPORT (SDDR)	Attached SDDR to be filled & submit along with offer. (Even NO deviation is taken, NIL report to be submitted).	

Date:

SIGNATURE WITH SEAL

(to be submitted along with the offer)

SPECIFICATION DEVIATION DISPOSITION REPORT			
Specn			Item
Enq. No & Date			
Vendor Name			
SPECN			
Page	Clause	Details Of Deviation With Reason	Disposition By BHEL
Signature Of Vendor			Reviewed By
		“ AGREED DEVIATION “ if any to be incorporated in the PO in the event of order.	APPROVED BY

Date:

SIGNATURE WITH SEAL