

**OPEN TENDER**

Tender Enquiry No. 12/RSD/O&amp;M/2022-23

Dated: 12/01/2023

To

REGD \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Memo No. \_\_\_\_\_/O&amp;M-4495

Dated: 10/01/2023

**Sub: Procurement of Carbon Brushes for 150x4 MW RSPG Shahpurkandi.**

You are requested to quote your lowest competitive rates for the following item/  
material at the earliest so as to reach this office on or before 15/02/2023 at 11:30AM and  
same shall be opened on dated 15/02/2023 at 03:30 PM.

**Tender shall be submitted in two parts along with forwarding letter in outer envelope  
stating that price bid is enclosed in second inner envelope only & that offered material  
is of the same technical specification as mentioned in tender enquiry:**

**Part-I:** Commercial Bid in first inner envelope containing GST registration proof.


**Part-II:** Following Price bid to be enclosed in second inner envelope after quoting rates.

Sr.no.	Description of material	Make & model	Qty.	Amount
A	Carbon Brushes for slip ring as per Size 50.8x25.4x38.1mm (Drawing enclosed as annexure-A)	EGOR of Assam carbon or Mersen Grade or Morgan grade equivalent of Assam carbon grade EGOR	400 Nos.	
	Copper Carbon Brush Size:50.8x25.4x38.1mm (Drawing enclosed as annexure-A)	M16E of Assam carbon or Mersen Grade or Morgan grade equivalent of Assam carbon grade M16E	10 Nos.	
B	GST @.....% on sr.no. A			
C	Freight & insurance charges in Rs.( if any)			
D	GST @.....% on Sr. no. C			
	Total (A+B+C+D)			

**Note:-**

1. For the purpose of evaluation and award of purchase order, comparison of quotations shall be made item wise
2. Any other make & model other than specified above if quoted will be rejected out rightly.
3. The firm will submit additional information/undertaking relating to GST as per Annexure 'D' attached.
4. GST/TDS will be deducted as applicable from time to time.
5. In case tender process is not completed due to any reason, no corrigendum will be published in newspapers. Details regarding corrigendum may be seen on official PSPCL website. www.pspcl.in.

DA: Terms &amp; Conditions

  
**Dy. Chief Engineer**  
O&M Circle, PSPCL,  
RSD, Shahpurkandi

**Terms and Conditions for Enquiry No. 12/RSD/O&M/2022-23 for Procurement of Carbon Brushes for RSPP Shahpurkandi.**

1. The prices for delivery at Shahpurkandi by road should be quoted and should be valid for 120 days from the date of opening of tender/quotation.
2. The prices should be showing complete split up of cost including Railway freight/Road Transport Charges transit risk insurance, packing, handling and forwarding charges etc. Prices should be firm and nothing will be paid extra.
3. In case the rates are quoted Ex-works/Ex-go down, the freight charges, transit risk insurance packing handling and forwarding charges should be shown separately and clearly.
4. Delivery of material is required to be made within 45 days from the date of receipt of purchase order at AEE/S&T Store, Shahpurkandi.
5. **CONSIGNEE:** AEE/S&T Sub-Divn., PSPCL, RSD, Shahpurkandi.
6. **INSPECTION:** The material will be inspected at S&T Store, Shahpurkandi by the representative of Sr.Xen/ EMC, RSD, PSPCL, Shahpurkandi

On receipt of material in the stores/workshops, PSPCL shall inspect the material at random as per provision of the Purchase order/contract irrespective of the fact whether or not, it has been inspected before dispatch. If the shortage/deviation from declared quantity /specification is noticed, the same shall be reported immediately by the consignee to the supplier, under intimation to all concerned. On receipt of such intimation from consignee(s) shall fix a date and time for joint verification under intimation to the supplier & all concerned giving minimum 10 days-time. The checking shall be carried out in the presence of firm's representative at Destination Station and in case the firm's representative does not happen to be present at destination on the specified date & time so fixed, then PSPCL shall be at liberty to do joint verification in his absence.

The shortage/discrepancies so detected shall be applied on the full lot. In case shortage/discrepancies, in particular lot supplied to various consignees, are also noticed by different consignees, the above procedure shall be followed for joint verification by each and all such consignees. The maximum shortages/discrepancies detected by any of the consignees shall be applied to the entire lot of material supplied to various consignees. In case of any failure of material during random checking, PSPCL reserves the right to reject the entire lot at the risk and cost of the supplier.

In case of repeated shortages/discrepancies the firm shall be liable for suspension of business dealings/black listing. This is without prejudice to the other rights arising/accruing to the purchaser under various clauses of the Tender specification & Purchase Order-Cum-Contract.

7. **PAYMENT:** 95% payment of contract value pro-rata for each consignment of operationally complete equipment dispatched after approval of Inspecting Authority/Test Certificate etc. along with taxes & duties and Other Statutory levies as per contract shall be paid within 45 days against receipted challans & submission of requisite documents. The balance 5% Payment shall be kept as performance Guarantee which shall be released after due receipt of Goods Receipt Note from the concerned consignee(s) or expiry of three months from the date of receipted challans & submission of requisite documents, whichever is earlier.

In case the due date of payment in terms of payment schedule falls on a holiday including Sunday or holiday is subsequently declared on that date, the payment shall be released on the first working day falling next to the due date.

**8. SECURITY DEPOSIT**

- i. The successful Tenderers shall be required to submit Security deposit for faithful execution of the purchase order/Contract of value exceeding Rs. 1,00,000/- at the rate of three percent (3%) of ordered value rounded off to a multiple of Rs. 10/- on the higher side. Tenderers exempted from EMD upto Rs. 5.0 Lacs will have to submit security deposit for Purchase Orders valued above 1.0 Lacs.
- ii. Ordinarily the Earnest Money received against Tenders shall be converted into Security Deposit. If the amount of earnest money received against Tenders is more than the amount of Security Deposit required against the Purchase Order/Contract, the balance shall be refunded within one month of the finalization of the Tender

- enquiry and in case of shortfall, if any, the Contractor/Supplier shall be required to deposit the additional amount.
- iii. The Tenders having Permanent Earnest Money Deposit (PEMD) of Rs. 25 lacs (Rs. Twenty Five Lacs) with PSPCL and hence exempted from depositing Earnest Money with Tenders, shall also be required to submit security Deposit @3% of ordered value in the form of Bank Guarantee/ Demand Draft/ Cash within 30 days from the award of purchase order/contract
  - iv. On faithful execution of Purchase Order/Contracts in all respects, including warranty period, if any, Security Deposit of the Contractor/Supplier shall be released by the Contracting/Purchasing Agency.
  - v. In the event of default on the part of the Contractor/Supplier in the faithful execution of Purchase Order/Contract his Security deposit shall be forfeited by an order of the Contracting/Purchasing Agency under intimation to o/o CE/IT who shall get the same uploaded & displayed on website of PSPCL.
  - vi. In the case of Sr. Executive Engineers/Sub-Divisional Officers working in the field, the order for forfeiture of security deposit shall be issued by them provided they are Contracting/Purchasing Agency with an intimation to their Superintending Engineers/ Dy. Chief Engineers who in turn shall intimate the same to o/o CE/IT who shall get the same uploaded & displayed on website of PSPCL.  
The forfeiture of Security Deposit shall be without prejudice to any other rights arising or accruing to the Board under relevant provisions of the purchase Order/Contract like penalty etc. including suspension of business dealings with PSPCL for a specific period.
9. **PENALTY:** If the supplier fails to deliver the material/equipment within the stipulated delivery period of purchase order/contract, the same is liable to be rejected and if accepted, the supplier shall be liable to pay penalty @ ½% ( half of one percent) of the cost of undelivered supply/incomplete equipment per week of delay or part thereof not exceeding maximum limit of 10% of the cost of complete unit of undelivered equipment/material so delayed. There will be no slack period.
10. **WARRANTY:** The supplier/Contractor shall be responsible to replace free of cost with no transportation and insurance expenses to the purchaser upto the destination of material/equipment, the whole or any part of the material; which under normal and proper use and maintenance, proves defective in material or workmanship within 12 months from the date it is taken over by the purchaser or 18 months from the date of receipt of material in respect of indigenous equipment or 24 months from the date of shipment for imported material, whichever expires earlier. Such replacement shall be affected by the Supplier/Contractor, within a reasonable time not exceeding 6 months of the intimation of defects Suppliers/Contractor's responsibility arising out of supply of material or its use whether on warranties or otherwise shall not in any case exceed the cost of correcting the defects or replacing the defective part/material and upon the expiry of the warranty period stipulated above, all such liabilities shall terminate.  
The above provision shall equally apply to the material so replaced/repared by the Supplier/Contractor under this clause in case the same is again found to be defective within 12 months of its replacement/repair.  
"In case the replacement/repair of defective material is not carried out within six months of intimation of defects, the supplier/Contractor shall have to pay interest @ 12% per annum on the value of each complete operational unit of equipment beginning from the date its becoming defective upto date of its re-commissioning after the replacement/repair.
11. **FAKE INSPECTION CALLS:**  
The purchasing authority will get the material inspected and issue dispatch instructions within 20 days of the date of receipt of call offering the material for inspection or date of readiness of material, whichever is later. In case date of readiness is not mentioned in the offer letter, then date of receipt of call shall be considered as date of readiness of material. In case the inspecting officer finds on arrival at the supplier's premises that the material less than 80% of the quantity offered in the inspection call is ready for inspection or material of the firm is rejected during testing/inspection, then the call shall be treated as fake call and the firm shall be responsible to pay fake call charges @ 10% of the value of the offered lot calculated as per P.O. rate subject to a maximum of Rs. 30,000/- per such occasion.

Besides this, a letter of warning shall be issued and it shall be counted towards their performance for all intents and purposes. In case multiple sizes are to be inspected against a single inspection requisition, then the fake call charges shall be applicable on proportionate basis based on the PO value of items which were offered by the firm for inspection.

**12. CANCELLATION OF PURCHASE ORDER:**

The purchaser reserves the right to cancel the purchase order/ contract as a whole or in part at any time without any financial liability on either side prior to the receipt of intimation regarding taking in hand the manufacture of material.

During the pendency of the Purchase order/ contract, if lower rates are received against the subsequent Tender Enquiry/Enquiries, then the supplier, whose overall contractual delivery period has expired, shall be offered to supply the material at either of the following rates, whichever is lower, along with any other terms and conditions at variance from the conditions as contained in the original purchase order, if any:

- a) Rates payable as per the terms and conditions of the Purchase Order less penalty as applicable.
  - b) Rates received against subsequent Tender Enquiry/Enquiries
- In case the supplier refuses to accept the offer, then the purchase order shall be cancelled without any financial liability on PSPCL. However, if the supplier is debarred as per Regulation 10 (x), then the cancellation of purchase order shall not have any effect on the debarred status of the supplier.

**13. EXTENSION IN DELIVERY PERIOD:**

"Any genuine delay in the approval of technical details, drawings, samples; issuance of amendment to Purchase Order; carrying out inspection; approval of Test Reports/Test Certificates issuance of dispatch instructions/ stations etc. will count towards extension of the delivery period by corresponding period other than that admissible under Force Majeure conditions, if any substantiated by the suppliers, and duly accepted by the Purchaser. No extension in delivery shall be granted in case of delay in payment.

**14. FORCE MAJEURE:**

During the pendency of the Contract/Purchase Order, if the performance in whole/part by either party or any obligation there under, is prevented/delayed by causes arising out of any natural calamity, war, hostilities, civil commotion, acts of the public enemy, sabotage, fire, floods, explosion, epidemics or non-availability of Government controlled raw material under orders/ instruction of Central/State Government regulations strikes, lock-outs, embargo, acts of Civil/Military authorities or any other causes beyond their reasonable control, neither of two parties shall be made liable for loss or damages due to delay or failure to perform the contract during the currency of Force Majeure conditions, provided that the happening is notified in writing (with documentary proof) within 30 days from the date of the occurrence.

The supplies shall be resumed under the contract as soon as practicable after the happening (event) ceases to exist.

15. If required the negotiation shall only be held with the lowest Tenderer.
16. The purchaser reserves the right to inspect the material before dispatch firm's premises. The supplier/ contractor shall provide all facilities free of cost for carrying out necessary tests/inspection.
17. The purchaser reserves the right to reject any or all the tenders without assigning any reason.
18. The purchaser reserves the right to increase/decrease the quantity of any item at the time of purchase order.
19. If the date of opening of Tender happens to be holiday, the tenders shall be received and opened on the next working day at the same time.
20. Any deviation from the specifications shall be rejected.

**21. NEGLIGENCE & DEFAULT**

In case of any negligence on the part of a Supplier/Contractor to execute the Purchase-order/Contract with due diligence and expedition and to comply with any reasonable orders, pertaining to any contravention to the provisions of the Purchase-order/Contract, given in writing by the purchaser, the purchaser may give a 21 days-notice in writing to the Supplier/Contractor to make good the

failure/neglect/contravention. In the event the Supplier/Contractor fails to comply with the notice within a time frame considered to be reasonable by the purchaser, the business dealings shall be suspended/ terminated with the firm by the purchaser for a minimum period of three years or in extreme cases, the firm shall be blacklisted forever by the purchaser.

Apart from the suspension/termination of business dealings/blacklisting of the supplier/ contractor, the purchaser shall also forfeit the security & other pending payments of the Purchase Order/ Contract against which the supplier has defaulted, in addition to PEMD/ EMD lying with the concerned organization.


Recoveries of any dues relating to Purchase order under which supplier/ contractor has defaulted shall be made from pending amount of any purchase order/work order/contract of the firm or any security/EMD or PMED lying with PSPCL.

**22. ARBITRATION:**

- a. If at any time any question, dispute or difference, whatsoever, shall arise, between the Purchaser/PSPCL and the Contractors/Suppliers, upon or in relation, to or in connection with the Purchase Order/Contract, either party may forthwith give to the other, notice in writing of the existence of such question dispute or difference and the same shall be referred for sole arbitration as per the provisions of the Indian Arbitration Act, 1996 (amended upto date) who shall give a reasoned/speaking awards. The award of the Sole Arbitrator shall be final and binding on the parties under the provisions of the Indian Arbitration Act, 1996 (amended upto date) and of the rules there- under. Any statutory amendment, modification or re-enactment thereof for the time being inforce, shall be deemed to apply to and be incorporated in the Contract/Purchase Order.
  - b. Upon every or any such reference, the cost and incidental expenses to the reference and award shall be at the discretion of the Sole Arbitrator so appointed who may determine the amount thereof or direct the same to be taxed as between Solicitor and Client or as between party and party shall direct by whom and to whom and in what manner the same is to be borne and paid.
  - c. The work under the Contract shall, if reasonably possible, be continued during the proceedings of the arbitration and no payment due/ payable to the firm by the Purchaser/PSPCL shall be with-held on account of such proceedings.
24. Apart from the suspension/termination of business dealings/blacklisting of the supplier/contractor, the purchaser shall also forfeit the security & other pending payments of the Purchase Order/ Contract against which the supplier has defaulted, in addition to PEMD/ EMD lying with the concerned organization.
25. If any dispute arises between the contractor and the In-charge of the work, the decision of Dy. Chief Engineer/O&M Circle, RSD, PSPCL, Shahpurkandi will be final and binding on both the parties.
26. All legal proceedings in connection with this case will be subject to the jurisdiction of the local courts at Pathankot.
27. The tenders must be complete in all respects. Conditional, incomplete or not properly sealed tenders and tenders received late due to any reason what so ever will be rejected.
28. Tenders shall be signed by the owner or person holding power of attorney by him to do so. Necessary documents in support thereof should be enclosed with bid at the time submission, failing which tender may not be considered.
29. Tender which proposes any alternation in the supply of material specified in the Tender Specification, or in time allowed for supplying the material or which contains any, other terms & conditions of any sort will be liable to rejection.
30. **ALL CUTTINGS/CORRECTIONS TO BE INITIALLED** : Each page of the tender document including the schedule of quantity and bid drawings be signed and dated by tenderer in ink as a token of his having examined at the same. Any correction in the rates quoted in the schedule of quantities shall also be signed with date by tenderer before submitting the tender. All corrections and additions or pasted slips should be initialed by the contractor. Non-compliance with these' conditions will make the tender liable to rejection.
31. **OCTROI AND OTHER DUTIES** : No octroi charges shall be paid extra.
32. **POST TENDER MODIFICATIONS** : No modification to the bid shall be made by the bidder after opening of the bids unless specifically requested by PSPCL. The earnest

money of any bidder who modifies after opening, without any specific reference from PSPCL shall be forfeited without any further reference to the bidder and he shall be liable to further action like suspension of business dealing/blacklisting.


33. Telegraphic quotations will not be accepted.
34. The quotation should be sent **on letter head of the firm duly typed.**
35. GST number and PAN number should also be supplied with the quotation.
36. Insurance & transportation of material will be borne by the firm. However reimbursement shall be made on actual basis.
37. Any other conditions as per PSPCL Purchase Regulation will be applicable.

  
Dy. Chief Engineer  
O&M Circle, PSPCL,  
RSD, Shahpurkandi

Endst No 172/76

Dated: 42/2022 12/1/2023

1. CE/ Hydel Projects, PSPCL, Patiala.
2. Resident Engineer / O&M Divn, RSD, PSPCL, Shahpurkandi.
3. Sr. Xen/ EMC, RSD, PSPCL, Shahpurkandi.
4. AO (P), RSD, PSPCL, Shahpurkandi.
5. Notice Board.

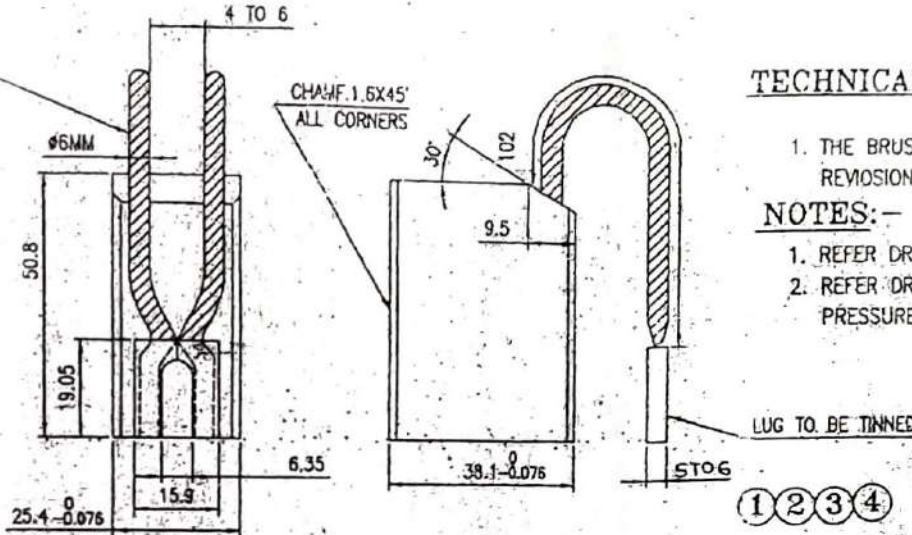
  
Dy. Chief Engineer  
O&M Circle, PSPCL,  
RSD, Shahpurkandi.

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO. 3 256 10 01011

TWISTED COPPER STRANDS (NOT BRAIDED)  
FLEXIBLES TO SUIT CURRENT CARRYING  
CAPACITY OF BRUSH



### TECHNICAL REQUIREMENTS:-

1. THE BRUSHES SHALL IN GENERAL CONFORM TO LATEST REVISION OF IS 3003 (PART III) CLAUSES 3,4,5,& 7.

### NOTES:-

1. REFER DRG. NO. 3-256-10-01001 FOR BRUSH HOLDER.
2. REFER DRG. NO. 3 256 10 01401 FOR SETTING OF BRUSH PRESSURE.

1 2 3 4

### BPUSH-EQUIVALENT GRADES, THEIR CHARACTERISTICS & APPLICATIONS

IT. NO.	MORGANITE UK	ASSAM CARBON LTD	ELCA-CARBONE LORRAINE	APPLICATION	MILLI VOLT DROP	LEAD PULL OUT STRENGTH	SHORE HARDNESS	TYPED ITEM NOS	WEIGHT
01	EGO	EGO	EG 353	FOR PERIPHERAL SPEED LESS THAN 20M/SEC	80 MAX.	30 KG MIN.	36-44		0.1
02	EGOR	EGOR	EG 34 D	FOR PERIPHERAL SPEED MORE THAN 20M/SEC	80 MAX.	30 KG MIN.	36-44	BP 9043000256	0.1
03	CM-5H	M15E	MC 70	FOR SHAFT EARTHING	80 MAX.	30 KG MIN.	-12-15	BP 9043001147	0.1
04	HM 6	HMB		FOR PERIPHERAL SPEED MORE THAN 20M/SEC	80 MAX.	30 KG MIN.	12-15	BP 9043000264	0.1

THIS DRAWING SUPERSEDES DRG. 4-256-10-01001 AND DRG.4-256-10-01008.

ADDITIONAL INFORMATION		STANDARD DRG.																	
STATUS OF DRAWING: STANDARD		REVISION TO BE APPROVED BY STANDARDS GROUP																	
DISTRIBUTION OF PRINTS: HGE - 2, GTG(ZM) - 1, PLM - 4		<table border="1"> <tr> <th>REV.</th> <th>DATE</th> <th>BY</th> <th>DATE</th> </tr> <tr> <td>01</td> <td></td> <td>VMK</td> <td>28.10.93</td> </tr> <tr> <td>02</td> <td></td> <td>MKS/JKB</td> <td>28.10.93</td> </tr> <tr> <td>03</td> <td></td> <td>K.B RAJU</td> <td>19.11.93</td> </tr> </table>		REV.	DATE	BY	DATE	01		VMK	28.10.93	02		MKS/JKB	28.10.93	03		K.B RAJU	19.11.93
REV.	DATE	BY	DATE																
01		VMK	28.10.93																
02		MKS/JKB	28.10.93																
03		K.B RAJU	19.11.93																
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT: HYDRO-GENERATOR BHARAT HEAVY ELECTRICALS LTD. BHOPAL		SCALE: NA WEIGHT CLASS: NA																	
REV. DATE ALTERED CHECKED APPROVED 06 20.06.05 RKV JKB		DRAWING NO. 3 256 10 01011 TITLE: BRUSH																	

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INVENTORY NO. SIGN & DATE REF. DRG. NO.