

**Bharat Heavy Electricals Ltd.,**  
(A Government of India undertaking)  
**Electronics Division**  
PB No.2606, Mysore Road, Bangalore-560026, India

**E-Tender**

The Quotations are invited under two part bid system for supply of SS Fasteners 100MW GSECL Raghnesda Phase-2 Solar PV project.  
Tender is procured through e-procurement route. Kindly refer website <https://eprocurebhel.co.in/nicgep/app/> for details.

<b>RFQ NO and date</b>	AKPBOS0025 dated 27.04.2021 ( e-tender)
<b>RFQ due date &amp; time</b>	08.05.2021 up to 14.00 hrs (IST)
<b>Date, Time &amp; Venue of Part-I Bid Opening</b>	08.05.2021 up to 14.30 hrs (IST)
<b>Date, Time &amp; Venue of Price Bid opening</b>	Will be intimated later for technically accepted vendors
<b>Address for Commercial Communication &amp; Contact Person in BHEL (MM dept)</b>	Mr. Srinivas Anakapalli (09916999898)/ Mr. Vivek Kumar Yadav (09449039232), SC&PV MM Department, M/s BHEL EPD Prof CNR Rao Circle Opp.IISC Malleswaram, Bangalore -560012 Email: <a href="mailto:srinivasa.a@bhel.in">srinivasa.a@bhel.in</a> , <a href="mailto:vivekyadav@bhel.in">vivekyadav@bhel.in</a> Telephone number: 09916999898
<b>Address for Technical Communication &amp; Contact Person in BHEL with CC to MM dept</b>	Mr. Yaswanth (9642986518) Dy Mgr M/s BHEL EPD Prof CNR Rao Circle Opp.IISC Malleswaram, Bangalore -560012 Email: <a href="mailto:sbdubey@bhel.in">sbdubey@bhel.in</a> Telephone number: 8971895271

Any Deviations from or additions to the "General Conditions of Contract" or "Special Conditions of Contract" require BHEL's express written consent. The General Terms of Business or Sale of the Bidder shall not apply to this tender.

**PRE QUALIFICATION CRITERIA FOR TENDER REF: AKPBOS0025**

1. Bidder to be a manufacturer of SS Fasteners. A self-declaration for the same has to be given by vendor.
2. Vendor has to provide the capacity proof of minimum 10 MT per month (Considering that requirement is approximately 19.8 MT for L1 vendor and to complete supplies in two months) for at least 1 month within the past three years Mar'18 – Mar'21. Calendar months only will be considered for evaluation.

BHEL reserves the right to ask any other relevant documents to substantiate the above.

**Quantity distribution for RFQ AKPBOS0025 FOR SUPPLY OF SS  
FASTENERS for GSECL RAGHANESDA PHASE-2 SPV PROJECT**

Total quantity to be shared among 02(Two) vendors in the ratio 60:40

Splitting as below (Quantity in SETS):

SNO	MATERIAL CODE	MATERIAL DESCRIPTION	TOTAL TENDER QTY	UNIT	L1 QTY (60%)	L2 QTY (40%)
1	PS0679055348	M8X25 BOLT & NUT WITHWASHERS(SS304 HW)	1,152,000.00	SET	691200	460800
2	PS0679055347	M6X20 BOLT & NUT WITHWASHERS(SS304 HW)	259,200.00	SET	155520	103680

The Order Quantity Share of 60:40 will be procured from two vendors at L1 matched price.

L1 will be offered 60% of total quantity. 40% will be offered to L2 at L1 matched price.

If L2 does not accept L1 price, the same offer will be made to L3, L4, L5, so on.

If none of the vendors agree to match L1 rate, then balance quantity may be offered to L-1 vendor or BHEL may go for retendering. Any changes in splitting ratio based on the MSE act /Make in India policy or due to any other reason, intimation will be given only to the vendors who have participated in this tender, hence it is mandatory that vendors should participate in the tender.

	<b>PURCHASE SPECIFICATION FOR SUPPLY OF SS FASTENERS</b>	<b>PS-439-1263</b>
		REV NO: 03
		PAGE : 1 OF 3

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<p style="text-align: center;">TECHNICAL SPECIFICATION FOR SUPPLY OF SS FASTENERS</p>
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Revision details :R 03	Prepared NY	Approved PM	Date 22.04.2021
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	<b>PURCHASE SPECIFICATION FOR SUPPLY OF SS FASTENERS</b>	<b>PS-439-1263</b>
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## 1.0 Introduction

This document describes the technical specification for the Supply of SS Fasteners for Mounting Structures (MMS) that constitute the solar array of the plant for various solar projects of BHEL across India.

## 2.0 Vendor scope of supply

#	Item description	Quantity
1	Supply of SS Fasteners as per Bill of Material	As per BOM

## 3.0 Technical Specifications

3.1. Dimensions, Mechanical and chemical properties of Bolt, nut and washers should be as per relevant IS.

3.2. Definition of one set is as follows

**1 Set of M8x25 is equivalent to 1 Hexagonal Bolt of M8x25+1 Hexagonal Nut of M8 + 2 Plain Washers of M8 + 1 Spring Washer of M8.**

**1 Set of M6x20 is equivalent to 1 Hexagonal Bolt of M6x20+1 Hexagonal Nut of M6 + 2 Plain Washers of M6 + 1 Spring Washer of M6.**

**Grade of washers should be A2 for SS304.**

**Grade of Bolts and Nuts should be A2-70 for SS304**

3.3. Latest version of IS standards are only to be considered.

3.4. Vendor has to submit drawings and QAP in line with above standards within three days of Purchase Order. However, date of purchase order will be considered as date of manufacturing clearance only.

## 4.0 Test reports

Every PSI Call should accompany the following reports.

1. Internal inspection report of the vendor (Dimensional) as approved MQP & QAP.
2. Raw Material Test certificates
3. BHEL will go through the reports and depute BHEL personnel for Pre Shipment Inspection.

	<b>PURCHASE SPECIFICATION FOR SUPPLY OF SS FASTENERS</b>	<b>PS-439-1263</b>
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## 5.0 Packing instructions

Hardware shall be supplied in plastic wrapped hessian cartons/plastic wrapped thick cardboard cartons to avoid bursting and spillage of contents during transport and storage at site. Each carton shall be clearly identified with the type of hardware packed in it and its quantity.

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### BILL OF MATERIAL

SNO	MATERIAL CODE	MATERIAL DESCRIPTION	TOTAL TENDER	UNIT
1	PS0679055348	M8X25 BOLT & NUT WITHWASHERS(SS304 HW)	1,152,000.00	SET
2	PS0679055347	M6X20 BOLT & NUT WITHWASHERS(SS304 HW)	259,200.00	SET
*Definition of SET is defined under Sno.3.2 of the specification				

BHEL UNIT	SBD Bangalore	
RFQ/NIT/Enquiry no.	AKPBOS0025	
Description	SUPPLY OF SS FASTENERS for GSECL RAGHANESDA PHASE-2 SPV PROJECT	
Techno Commercial Form		
VENDOR NAME	M/s _____	<p><b>Note:</b></p> <p><b>1)Vendor Name To be Filled by vendor.</b></p> <p><b>2)This form to be signed with Name and seal on all the pages and to be uploaded as acceptance to technocommercial conditions along with other applicable documents under Techno commercial Bid form,Unpriced Bid form, Vendor Bid Form packet Ref:"2021_BHEL_3623_pack1_15090" under cover ref:"2021_BHEL_3623_pack1" of the NIT.</b></p> <p><b>3) Acceptance and submission of signed technocommercial form is treated as confirmation on "NIL DEVIATION ON TECHNO-COMMERCIAL TERMS" indicated in the techno commercial form.Technical or Commercial Deviation if any on techno commercial conditions shall be separately uploaded under Techno commercial Bid form,Unpriced Bid form, Vendor Bid Form packet Ref:"2021_BHEL_3623_pack1_15090" under cover ref:"2021_BHEL_3623_pack1" of the NIT. Deviations indicated in any other place shall not be considered by BHEL and the same are not valid.</b></p>
Sr. No	DESCRIPTION	Details
1	TENDER TYPE	THIS TENDER IS NOT A GLOBAL TENDER. THE TENDER IS INDIGENEOUS OPEN TENDER . PLEASE REFER TENDER DOCUMENTS FOR DETAILED TERMS AND CONDITIONS APPLICABLE FOR THE TENDER.
2	Price Basis	Firm i.e., from the date of PO to completion of supply if I&C is not applicable. If I&C is in supplier's scope,then the prices shall remain Firm till commissioning & handing–over of the complete system.(PVC clause not acceptable).
3	Terms of Delivery	FOR INDIGENOUS VENDORS: Free On Road Basis to GSECL RAGHANESDA PHASE-2 SPV PROJECT
4	Delivery Period	Delivery to be completed within 08 weeks from date of issue of Purchase Order.
5	Payment Term	FOR INDIGENOUS VENDORS:(a) Supply: 100% of Basic value with taxes will be paid with credit 45 days from the receipt of material or credit 15 days from the date of submission of complete set of documentation whichever is later. PBG is not applicable.
6	Payment Term	FOR FOREIGN VENDORS(a) :NOT APPLICABLE
7	Payment Term	(b) For any deviation in payment term, the offer will be liable for loading as per Clause G of ITB. If loading not acceptable, offer will be outrightly rejected.
8	Evaluation of L1 vendor	Evaluation to be done on package wise, L1 of Supply on “FOR destination” basis to site will only be considered.
9	Warranty	Warranty : 18 months from supply
10	Pre Shipment Inspection	(a) Pre Shipment Inspection will be carried out by BHEL/Customer for which test report shall be sent atleast one week in advance.
11	Pre Shipment Inspection	(b) Pre Shipment Inspection charges , if any, shall be considered while evaluating your offer to arrive at "Total Cost to BHEL".The charges for the same shall be informed to you before Price Bid Opening/Reverse Auction.
12	Penalty	(a) Supply: Penalty of 0.5% per week at the basic price of the good for undelivered quantity of supply portion, subject to a maximum of 10%. For Supply, Pre Shipment Inspection Call Letter Date (Receipt of test report) will be treated as delivery for purpose of penalty.In case PSI call given without test report, then actual date of inspection only will be considered as date of delivery for purpose of penalty calculation.
13	Penalty	For any deviation in penalty term, the offer will be liable for loading as per Clause No. G, Point No.(b) of ITB.
14	E–way bill	E–way bill to be generated by vendor before dispatch of goods as per dispatch instructions provided by BHEL.
15	Performance bank guarantee (PBG)	NOT APPLICABLE FOR THIS TENDER
16	Despatch Documents (Indigenous)	DOCUMENTS (TRIPPLICATE COPIES) REQUIRED AT THE TIME OF DISPATCH FOR PROCESSING OF BILL: FOR INDIGENOUS SCOPE OF SUPPLY: For Supply: Invoice in Triplicate, Lorry receipt (LR) copy, Packing List, PSI Call Letter Copy,NIL Short shipment certificate ,Proof of delivery such as MRC (Material Receipt Certificate)/ original acknowledged LR, Insurance intimation Letter and Warranty Certificate. Note that document pertaining to Proof of delivery shall clearly mention number of boxes/panels etc which shall be in line with the Packing list.
17	Despatch Documents (Foreign)	FOR FOREIGN VENDORS:NOT APPLICABLE
18	Reverse Auction	BHEL shall be resorting to Reverse Auction (RA) (Guidelines as availableon www.bhel.com) for this tender. RA shall be conducted among all the techno-commercially qualified bidders.Price bids of all techno-commercially qualified bidders shall be openedand same shall be considered as initial bids of bidders in RA. In case anybidder(s) do(es) not participate in online Reverse Auction, their sealedenvelope price bid along with applicable loading, if any, shall beconsidered for ranking.
19	Other terms & conditions	For detailed Terms and Conditions, kindly refer to the following:A: ITB (document ref :SCPV: BOS: ITB – Rev 05)B: GCC (document ref: SCPV: BOS: GCC – Rev 04).Any Deviations from or additions to the "General Conditions of Contract" or "Special Conditions of Contract" require BHEL's express written consent. The General Terms of Business or Sale of the Bidder shall not apply to this tender.

20	Price Validity for placement of Purchase order.	Quotation should remain valid for a period of 90 days from the technical bid opening date.	
21	Shipment	Kindly indicate the state from where the shipment will take place.	
22	Bank charges (for foreign bidders only)	NOT APPLICABLE	
23	DUN No. (for foreign bidders only)	NOT APPLICABLE	
24	Consignment Details	Weight and Dimension of consignment with packing.	
25	Freight Charges	Freight charges are under vendor scope.Included in the basic cost.	
26	Insurance	Insurance is in BHEL scope.	
27	Changes in tender condition	Any changes in the tender conditions, specification etc or in splitting ratio based on the MSE act /Make in India policy or due to any other reason, intimation will be given only to the vendors who have participated in this tender, hence it is mandatory that vendors should participate in the tender.	
28	Quantity Variation	NOT APPLICABLE	
29	QUANTITY SPLIT BTEWEEN VENDORS	The Order Quantity Share of 60:40 will be procured from two vendors at L1 matched price. L1 will be offered 60% of total quantity. 40% will be offered to L2 at L1 matched price. If L2 does not accept L1 price, the same offer will be made to L3, L4, L5, so on. If none of the vendors agree to match L1 rate, then balance quantity may be offered to L-1 vendor or BHEL may go for retendering. Any changes in splitting ratio based on the MSE act /Make in India policy or due to any other reason, intimation will be given only to the vendors who have participated in this tender, hence it is mandatory that vendors should participate in the tender.	
30	INTEGRITY PACT	NOT APPLICABLE FOR THIS TENDER	
31	ADDITIONAL CONDITIONS	Any vendor who has been banned by BHEL or against whom action due to non performance has been initiated by BHEL are not eligible for participation. Such offers will not be considered for evaluation and will be rejected.	
32	UNLOADING	unloading at site is under BHEL scope.	
33	Pre Qualification Criteria Documents Submitted	<b>As per PQC document in NIT.PQC documents to be uploaded under PQC Documents Packet No."2021_BHEL_3623_pack1_15091" under Cover No."2021_BHEL_3623_pack1" of the NIT .</b>  1. Bidder to be a manufacturer of SS Fasteners. A self-declaration for the same has to be given by vendor. 2. Vendor has to provide the capacity proof of minimum 10 MT per month (Considering that requirement is approximately 19.8 MT for L1 vendor and to complete supplies in two months) for at least 1 month within the past three years Mar'18 – Mar'21. Calendar months only will be considered for evaluation. BHEL reserves the right to ask any other relevant documents to substantiate the above.	
34	Evaluation Currency	The evaluation currency for this tender shall be INR	
35	Declaration required under Rule 144(xi) of General FinancialRules, 2017 amendment dt 23.07.2020 issued by Ministry of Finance, Govt. of India.Refer Annexure–X for Restrictions under Rule 144(Xi) of General Financial Rules,2017 amendment dt:23.07.2020.	The Bidder shall mandatorily submit Declaration as per format enclosed as part of tender(ANNEXURE–A)	
36	MSE status(Applicable for MSE vendors only)	Documents to be submitted for claiming MSE status:Vendor has to submit Udyam Registration certificate to claim MSE Status. Latest MSE guidelines and circulars with subsequent amendments or clarifications (if any) will be applicable for this tender.Please refer NIT for MSE guidelines.	
37	GST ITC	1.E–invoicing under GST is being implemented w.e.f. 1st October 2020 for all the taxable person having turnover more than Rs. 500 Crore. It has been specified by the Govt that it is mandatory to mention a valid unique Invoice reference number (IRN) and QR code as generated from Govt. portal on a Tax invoice. Based on such information, GST ITC as claimed by BHEL in GST Returns shall be matched with the corresponding details uploaded by supplied in E–invoicing system.2.In case the vendor delays or fails to provide all the documents as per the Purchase order at the time of submitting Tax invoice to BHEL, any subsequent financial loss to BHEL on account of vendor shall be to vendor’s account. BHEL has further right to take necessary steps to protect its interest at the time of release of payment.	
38	Special Conditions of Contract (SCC)	In addition to the ITB and GCC stipulated in the tender document, the terms and conditions indicated under techno commercial form shall be treated as "Special Conditions of Contract (SCC). In case of Conflict between General Conditions of Contract (GCC) available in Tender document and Special Conditions of Contract (SCC) stipulated under bidding forms, SCC will prevail over GCC.	
39	Price Variation Clause(PVC)	NOT APPLICABLE FOR THIS TENDER	
40	Tax regime and introduction of Sec206C(1H) on sale of goods	Please note that with the recent changes in Tax regime and introduction of Sec206C(1H) on sale of goods witheffect from 01.10.2020 the vendors in line with the provisions of the said section are to collect TCS @0.075%from 01.10.2020 upto 31.03.2021 and 0.1% from there on Invoice value.(a).Vendor should raise /levy TCS in the Tax Invoice itself. No separate debit note will be accepted.(b).Vendor should indicate his Pan# and Tan # in the Tax invoice.(c).Vendor should remit the TCS so collected from BHEL and provide TCS certificates with invoice no., invoicedate, Amount etc. breakup details.(d).If by any chance vendor is not remitting /not able to submit TCS certificates to BHEL on time then the TCSamount with penalty if any applicable will be recovered from vendor in his available bills.	



41	Preference to make in India order2017 dated 16.09.2020	Government circular for Preference to make in India order2017 dated 16.09.2020 and subsequent amendments(if any) shall be applicable for this tender.Vendor to submit Local Content Certificate as per the format available in the NIT(Annexure B).	
42	NIL Deviation to the Technocommerical terms	This form to be signed with Name and seal on all the pages and to be uploaded as acceptance to technocommercial conditions along with other applicable documents under Techno commercial Bid form,Unpriced Bid form, Vendor Bid Form packet Ref:"2021_BHEL_3623_pack1_15090" under cover ref:"2021_BHEL_3623_pack1" of the NIT. 3) Acceptance and submission of signed technocommercial form is treated as confirmation on "NIL DEVIATION ON TECHNO-COMMERCIAL TERMS" indicated in the techno commercial form.Technical or Commercial Deviation if any shall be separately uploaded under Techno commercial Bid form,Unpriced Bid form, Vendor Bid Form packet Ref:"2021_BHEL_3623_pack1_15090" under cover ref:"2021_BHEL_3623_pack1" of the NIT. Deviations indicated in any other place shall not be considered by BHEL and the same are not valid.	
43	General Terms	The General Terms of Business or Sale of the Bidder shall not apply to this tender. No commercial terms to be attached, if attached it will be considered null and void.	
44	Corrigendums	All corrigendums will be published in this e-procurement system( <a href="https://eprocurebhel.co.in/nicgep/app">https://eprocurebhel.co.in/nicgep/app</a> ) and <a href="http://www.bhel.com">www.bhel.com</a> . Vendors to keep themselves updated regularly and submit offers as required.	
45	Declaration under Cartel formation	The Bidder hereby declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines. Submission of signed Techno commercial form by vendor is treated as Declaration of vendor for conforming to the declaration under Cartel formation as stated above.	
46	Contract Execution	In case, vendors are not able to execute the purchase order as per terms and conditions,BHEL reserves the right to take alternate procurement action with "RISK and COST" to vendor as per BHEL purchase policies,RISK and Cost guidelines,SEARP guidelines, Suspension of Business dealings guidelines and other policies and procedures applicable DEEMED FIT to execute the contract so that customer contract schedules, BHEL commissioning schedules are not hampered.	
47	Mandatory GeM registration ID for vendor	Government E-Marketplace(GeM) registration ID of vendor is mandatory for placement of purchase order. Vendor has to register in GeM portal and inform GeM registration ID before placement of purchase order. If GeM registration ID is not provided by vendor before PO placement, vendor is not eligible for placement of purchase order.	