

Ref. Enquiry No.: PE/PG/BHU/E-6436/2020, Dated 12.05.2020

DUE DATE
2 JUNE 2020
BY 02:00 PM

Dear Sir/ Ma'am

Subject: Open (GLOBAL) tender Enquiry for "MISC. PUMPS-HORIZONTAL" for 1 x 660 MW BHUSAWAL TPS Project as per Technical Specification No. PE-TS-415-100-N001.

BHEL invites your offers for design, manufacture, assembly, inspection and testing at vendor's and/ or his & sub-vendor's works, painting (as applicable), proper packing and delivery to site of **MISC. PUMPS-HORIZONTAL** for **1 x 660 MW BHUSAWAL TPS** including motors (as applicable as per BOQ), erection & commissioning spares, complete with all accessories as per specifications, supervision of installation checks and replacement of gland packing with mechanical seal arrangement (if applicable) at site and PG Test at site, and mandatory spares as specified in Technical specification (No: PE-TS-415-100-N001 Rev 01) , amendment & agreements till placement of order for **MISC. PUMPS-HORIZONTAL**.

Your offer shall be submitted in two parts strictly as per Clause-2.0 of the "Instructions to Bidders" of GCC Rev. 07, in sealed cover for the below mentioned equipment/system.

Item Description – MISC. PUMPS-HORIZONTAL			
Sl. No.	Project	TECHNICAL SPECIFICATION NO.	Delivery completion schedule
1	1 x 660 MW BHUSAWAL TPS	PE-TS-415-100-N001 REV.00	As per annexure – II to NIT

Your best quotation/offer for the above requirement, in line with tender terms and conditions, should be submitted **online via e-procurement system**. It shall be the responsibility of the bidder to ensure that the tender is submitted **on or before the due date** by **02:00 PM**. Part-I bids shall be opened at **03:00 PM**. on the due date.

Note: 1. Detailed tender documents have been uploaded on following websites: -

<https://bhel.abcpurchase.com>, www.bhel.com, www.bhelpem.com and www.eprocure.gov.in

Bidders are requested to upload their best offer on <https://bhel.abcpurchase.com> only.

2. In case bidders are not interested to quote, please send us the regret by e-mail or letter.

ENQUIRY TERMS AND CONDITIONS:

1. Offers should be submitted/uploaded separately in two parts **online through e-procurement system** as follows:

Part-I: TECHNO-COMMERCIAL BID

Part-II: PRICE BID

For detailed instructions, please refer GCC Rev 07- Instructions to Bidders.

2. Bidders shall submit their offers meeting the requirements of the following tender documents indicated in BHEL PEM GCC Rev- 07 and other Terms and Conditions included in this Enquiry Letter. Weblink of GCC Rev 07 shall be as below, **bidders may download the GCC Rev 07 from the given weblink and go through the same before quoting: -**
<https://www.bhelpem.com/Documents/GCC/GCCRev07.pdf>

3. I) Bidders to note that following form the part of tender documents:

- General Conditions of Contract (GCC) Rev 07 comprising of: Instructions to Bidders and General Commercial Terms & Conditions
- Technical Specifications
- Technical PQR
- Special Conditions of Contract (SCC Rev 01) of Bhusawal Project.
- Enquiry terms & conditions (NIT)
- Annexures I –III

II) Bidder to note that following services at site in Bidder's Scope:

Gaurav Jain/Sr. MGR/PGIII
PS-Project Engineering Management,
Power Project Engineering Institute,
Plot no. 25, Sector – 16A, Noida (UP) 201301, INDIA
(OFF) +91-120-4368835, (MOB.) +91 8800990290

Regd. Office
BHEL House Siri Fort
New Delhi-110049

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- a) Installation check for correctness of installation, alignment etc. for installation check and supervision for replacement of gland packing with mechanical seal (if applicable as per spec.).
 - b) PG Testing
- Cost of above shall be included by bidder in their prices for each project, however break-up for the same shall be given separately as per Schedule of Unit Prices

III) To expedite the technical evaluation, we have specified in the specification for submission of brief offers with only the following technical details by the bidders:

- a) Compliance certificate
- b) Schedule of performance guarantees
- c) GA & cross sectional drg (along with details of weights, crane capacities and clearances required for installation and maintenance and Foundation plan – These are only for reference)
- d) Technical Deviation schedule
- e) Unpriced Price schedule

4. Any hidden conditions/deviations mentioned elsewhere in offer and standard pre-printed terms & conditions of the tenderers shall not be considered valid.
5. Tenders shall be submitted strictly in accordance with the requirements of the above-mentioned tender documents. Deviations (Technical as well as Commercial), if any, shall be listed out separately in Annexure-II of GCC Rev-07 along with reasons for taking such deviations in the bidding format in E-Procurement portal. Any deviations (Technical as well as Commercial) not mentioned in the Annexure-II shall not be considered. Bidders to note all the points mentioned in “Notes” of Annexure-II of GCC Rev.07.
6. If any bidder has mentioned the term “Not Applicable” / “not required” / “not quoted” in BHEL price format, the same to be substantiated by the bidder. If such item is required to be supplied for system completion in future, same will be supplied free of cost by the successful bidder.
7. Purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any/all tender(s) in part or full without assigning any reason whatsoever.
8. Tenderers must enclose the Quality Plan in the prescribed format, for approval. Equipment will be dispatched only after Purchaser’s/Owner’s inspection of the hold points specified in the approved Quality Plan and issue of Material Dispatch Clearance Certificate (MDCC).
9. Offers should be submitted separately in two parts **online through e-procurement system only**, however, all correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address:

Mr. Mohit Kumar Dy. Engineer, PG-III E-mail: mohitgupta@bhel.in Ph. +91-120-4368832; Mob: 7503530406	Mr. Rahul Bhatnagar Sr. Engineer, PG-III E-Mail: rahulbhatnagar@bhel.in Ph. No. +91-120-4368727; Mob: 9654499303	Mr. Gaurav Jain Sr. Manager, PG-III E-Mail: gjain@bhel.in Ph. No. +91-120-4368835; Mob: 8800990290
M/s. Bharat Heavy Electricals Ltd., Project Engineering Management, PPEI Building, Plot No 25, Sector-16A, Noida-201301, U.P., INDIA		

10. IMPORTANT INSTRUCTION TO BIDDERS IN CASE OF REVERSE AUCTION

The Bidders has to quote **Single Price** i.e. **Total Cost to BHEL (Total FOR site price excluding GST)** in Reverse Auction. Price are to be inclusive of Packing & Forwarding charges, all the routine & type tests as per tender scope, Freight charges, Insurance charges (if applicable), Cost of withdrawal (if any), including loading (if any), De-loading (if any) shall be done in line with NIT terms. Reverse auction details and guidelines shall be as per GCC Rev 07.

Link for RA guidelines to be followed as:

http://www.bhel.com/vender_registration/pdf/Guidelines%20for%20Reverse%20Auction-2016.pdf

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11. Evaluation will be done on L1 (Total cost to BHEL excluding GST) basis.
12. CIF content is available for this package. Bidders to quote accordingly and also mention the applicable CIF content in the bidding form in Price bid section.
13. For this procurement, Public Procurement (preference to make in India), order 2017, Dt:- 15.06.17, 28.05.18 & 29.05.19 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. Vendors are requested to go through the above-mentioned orders and confirm the following: -
 - The local supplier at the time of tender, bidding, solicitation, shall be required to provide self-certification that the item offered meets the minimum local content as per above mentioned orders and shall give details of location(s) at which the local value addition is made as per enclosed **annexure –III to NIT**.
 - Subject package is **not divisible** in nature, purchase preference shall be **20%** and prescribed minimum local content is **100%**.
14. Bidder to note that this is a conditional Open Tender enquiry and the price bid (Part-II) opening/RA participation shall be subject to following condition: -
 - A) Meeting of Technical PQR
 - B) Techno-commercial qualification/recommendation of bidder by the BHEL-PEM.
 - C) Customer (MAHAGENCO) approval. Same shall be taken up by BHEL-PEM with customer based on the credentials/reference list/experience list. Bidders to submit the credentials as per MAHAGENCO sub vendor format for approval.
15. Payment terms shall be as follows: -
 - a) **For Main supply:** - As per clause no. 9.2 of General Commercial Terms and conditions of GCC Rev 07.
 - b) **For Mandatory Spares:** - As per clause no. 9.1 of General Commercial Terms and conditions of GCC Rev 07.
 - c) **For PG Test & Site activities (installation checks & replacement of gland packing):** - As per clause no. 9.5 of General Commercial Terms & Conditions of GCC Rev-07.
16. **Liquidated Damages:** -
 - a) **For supply Portion:** - As per clause no. 16 of General Commercial Terms and conditions of GCC Rev 07.
 - b) **For PG Test & Site activities (installation checks & replacement of gland packing):** - as per Annexure-II (Delivery completion cum drawings/documents submission schedule)
17. Bidders to ensure that Third party/Customer issued certificates being submitted as proof of PQR qualification should have verifiable details of document/certificate issuing authority such as name & designation of Issuing Authority and its organization contact number and E-mail Id etc. In case the same is found not available, BHEL has the right to reject such document from evaluation.
18. Average of percentage of freight quoted by techno commercial accepted bidders in subject tender shall be used to calculate freight factor at the time of reverse auction /price bid opening for evaluation purpose. (Bids with freight quoted as NIL/ Inclusive/NA shall be excluded in calculation of average freight).
19. For bidders (who are not registered with BHEL-PEM) -Online Registration Portal is operational in BHEL. Non-registered Vendors, who wish to apply for registration with BHEL-PEM, can apply through Online Registration Portal available at www.bhelnem.com → vendor section → Online Supplier Registration. All credentials and/or documents

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duly signed and stamped related to registration may be uploaded on the website and submit the application for registration. However, registration of suppliers with BHEL-PEM is not mandatory in case of open tender.

20. All corrigenda, addenda, amendments, time extensions, clarifications etc. to the tender will be hosted on BHEL websites only (www.bhelpem.com, www.bhel.com & <https://bhel.abcpocure.com>) under subject tender reference. Bidders are requested to visit our websites from time to time to keep themselves updated. Bidders may go through the Sellers' manual & Help documents provided on E-Procurement Portal website & obtain required Digital Signature Certificate for participating in the subject Tender. For Bidders' convenience, the Helpdesk Nos. of E-Procurement Portal are listed at the end of this letter.
21. If any bidder uploads price bid in the unpriced section (techno-commercial attachment page) of the tender in e-procurement, in that case bidder(s) shall only be responsible for such mistake and any consequences thereof. Hence all bidders are requested to be more careful at the time of uploading the Unpriced and Price Bid for Part-I and Part-II respectively to avoid mismatch.
22. Bidders to note that "This item /package/system falls under the list of items defined in para 3 of ministry of finance guideline date 20.09.16 (procurement of items related to public safety, health, critical security operations and Equipments etc.) & hence criteria of prior experience /turnover shall be same for all bidders including start-up /MSME".
23. All other terms and conditions of SCC (Rev 01) of project, NIT & GCC (Rev 07) shall be applicable for the subject package.
24. Detailed offers are to be uploaded including the following along with the Price schedule as per BHEL format enclosed with NIT: -
 - Acceptance of BHEL-PEM GCC Rev-07
 - Acceptance of Special Conditions of Contract (SCC Rev 01) for the project.
 - Technical & Commercial Deviations, if any along with Cost of withdrawal in bidding form
 - Along with your offer, please submit a copy of this letter duly signed & stamped on each page as token of acceptance of terms & instructions conveyed.
 - Un-Priced price format duly filled in 'Quoted' or 'Q' in each column/row in bidding form
 - Filled Format of Certification reg. Local content (annexure –III)

All the above Tender Documents shall automatically become a part of the Order/Contract after its finalisation.

Thanking You

Yours faithfully,

For and on behalf of BHEL-PEM

Gaurav Jain

(Sr. Manager/PG-III/BHEL-PEM)

Enclosures:

1. Technical Specification No. PE-TS-415-100-N001, Rev00
2. Technical PQR
3. SCC Rev 01
4. BOQ (Main Supply + Mandatory Spares + For PG Test & Site activities)- Annexure –I
5. Delivery completion cum Drawings/documents submission Schedule (Annexure –II)
6. Format of Certification reg. Local content (annexure –III)

Gaurav Jain/Sr. MGR/PGIII
PS-Project Engineering Management,
Power Project Engineering Institute,
Plot no. 25, Sector – 16A, Noida (UP) 201301, INDIA
(OFF) +91-120-4368835, (MOB.) +91 8800990290

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For Bidders' convenience, the Helpdesk Nos. of E-Procurement Portal are listed below:

Name	Contact Nos.	e-mail ID	Role	Location
Mukunthan	+91 6353215001	Trichy.bhel@eptl.in	Support Executive	Trichy
Tej Singh	+91 6353215002	Bhopal.bhel@eptl.in	Support Executive	Bhopal
Sanjeev Kumar	+91 6353215003	Jhansi.bhel@eptl.in	Support Executive	Jhansi
Gaurav Panwar	+91 6353215004	Haridwar.bhel@eptl.in	Support Executive	Haridwar
Mallikarjun	+91 6353215005	Bengaluru.bhel@eptl.in	Support Executive	Bangalore
Avinash Govu	+91 6353215007	Hyderabad.bhel@eptl.in	Support Executive	Hyderabad
Swapnil Hamilton	+91 7940270549	swapnil.h@eptl.in	Support Executive	HO– Ahmedabad
Hardik Oza	+91 7940270560	Hardik.oza@eptl.in	Support Executive	HO– Ahmedabad
Ankur Bhatt	+91 7940270590	ankur.bhatt@eptl.in	Support Executive	HO– Ahmedabad
Prashant Rajyaguru	+91 7940270545	prashant@eptl.in	AM-Implementation & Support	HO– Ahmedabad
Dharam Rathod	+91 7940270596	dharam@eptl.in	Mgr – Implementation & Support	HO– Ahmedabad
Pradip Parmar	+91 7940270532	pradip@eptl.in	SM – Implementation & Support	HO– Ahmedabad
Devang Patel	+91 7940270576	devang@eptl.in	SM – Implementation & Support	HO– Ahmedabad

ENQUIRY NO. PE/PG/BHU/E-6436/2020, Dated 12.05.2020		ANNEXURE-I (BOQ)		
Project Name: 1 x 660 MW BHUSAWAL TPS U-6				
Package : Misc. Pumps - Horizontal				
SL. No.	DESCRIPTION	HSN Code	Unit of measurement	Qty
	Total price for design, manufacture, assembly, inspection, testing, properly packed for transportation and delivery of Misc. pumps including motors (as applicable), special tools/tackles, commissioning spares, installation checks and replacement of gland packing with mechanical seal arrangement (if applicable) and PG Test at site, all accessories, auxiliaries etc and mandatory spares as specified in Technical specification (No: PE-TS-415-100 N001 Rev 01) for MISC. PUMPS (HORIZONTAL).			
1.0	Pumps and Motor (Horizontal Pumps):			
	(i) CYCLE MAKE-UP PUMPS			
	Pumps	8413	Nos.	2
	Motors	8413		
	Pump/ Motor accessories (As applicable)	8413		
	Mandatory Spares (as per Annexure -IA)	84139120	Lot	1
	(ii) DM WATER TRANSFER PUMPS			
	Pumps	8413	Nos.	2
	Motors	8413		
	Pump/ Motor accessories (As applicable)	8413		
	Mandatory Spares (as per Annexure -IA)	84139120	Lot	1
	(iii) BOILER FILL PUMPS			
	Pumps	8413	Nos.	2
	Motors		BHEL'S SCOPE	
	Pump/ Motor accessories (As applicable)	8413	Nos.	2
	Mandatory Spares (as per Annexure -IA)	84139120	Lot	1
	(iv) DMCW-TG AUX'S PUMPS			
	Pumps	8413	Nos.	3
	Motors	8413		
	Pump/ Motor accessories (As applicable)	8413		
	Mandatory Spares (as per Annexure -IA)	84139120	Lot	1
	(v) DMCW-SG AUX'S PUMPS			
	Pumps	8413	Nos.	2
	Motors	8413		
	Pump/ Motor accessories (As applicable)	8413		
	Mandatory Spares (as per Annexure -IA)	84139120	Lot	1
2.0	Cost of site visits for Installation Checks and supervision of replacement of Gland packing with Mechanical Seal (if applicable) as per technical specification/NIT) 4 nos. site visits for 3 days each.			
	a) Charges per visit	99833	Visit	4
	b) Manday Charges	99833	Days	12
3.0	PG Test at site	99833	Lot	1
TOTAL scope = (1.0+ 2.0+3.0)				
NOTES:				
	a) Bidder to indicate cost of site visits for installation check & replacement of gland packing with Mechanical seal (as applicable), in their price in 2.0 above. Further additional site visit per day charges shall be as obtained prorata as 2.0 above.			
	b) Unit price quoted by bidder, as above, shall be binding for any quantity variation, which is at the discretion of purchaser.			
	c) Price of Erection & commissioning spares, special Tools & tackles and other accessories not listed above shall be included in the price of pump & shall be supplied with the pump.			

	d)	Indicate all taxes, duties etc. stating whether included/ excluded in above prices.
	e)	Please refer technical specifications for details.
	f)	Mandatory Spare Note: 1. Whenever the quantity is indicated as a percentage, it shall mean percentage of total population of that item in the station (project) unless specified otherwise, and the fraction will be rounded off to the next higher whole number. Wherever the requirement has been specified a 'set', it will include the total requirement of the item for a unit, module or the station or as specified. Where it is not specified, a 'set' would mean the requirement for the single equipment/system as the case may be. Also, the 'set' would include all components required to replace the item.
Bidder shall furnish this price Schedule indicating "Quoted/Not-Quoted" along with technical offer and actual prices in his price offer.		
NAME		DESIGNATION

ENQUIRY NO. PE/PG/BHU/E-6436/2020 dtd 12.05.20				ANNEXURE-IA (BOQ of Mandatory Spares)	
Project Name: 1 x 660 MW BHUSAWAL TPS U-6					
Package : Misc. Pumps - Horizontal					
MANDATORY SPARES					
S. No.	Equipment name		MANDATORY SPARES LIST	QTY/UNIT	HSN Code
1.0	MANDATORY SPARES PRICES-PUMPS (HORIZONTAL)				
1.1	CYCLE MAKE-UP PUMPS		SPARES FOR PUMPS		
		1.1.1.1	Impellers	1 LOT (One (1) set for each type)	84139120
		1.1.1.2	Wearing rings	1 LOT (One (1) set for each type)	84139120
		1.1.1.3	Pumps bearings	1 LOT (One (1) set for each type)	84139120
		1.1.1.4	Motor bearings	1 LOT (One (1) set for each type)	84139120
		1.1.1.5	Pump shaft	1 LOT (One (1) set for each type)	84139120
		1.1.1.6	Shaft sleeves	1 LOT (One (1) set for each type)	84139120
		1.1.1.7	Gaskets, dust seals and 'O' ring etc.	1 LOT (Two (2) sets for each type)	84139120
		1.1.1.8	Nut and bolts etc.	1 LOT (Two (2) sets for each type)	84139120
		1.1.1.9	Mechanical seal	1 LOT (One (1) set for each type)	84139120
		1.1.1.10	Complete set of coupling with accessories	1 LOT (One (1) set for each type)	84139120
		1.1.1.11	Shaft nuts & keys	1 LOT (One (1) set for each type)	84139120
			LT MOTOR SPARES		
		1.1.2.1	Terminal plates for motors upto 30kw for each rating	1 LOT (1 nos. For each type & rating of Motor)	84139120
		1.1.2.2	Terminal plates for motors above 30kw for each rating	1 LOT (1 nos. For each type & rating of Motor)	84139120
		1.1.2.3	Heaters	1 LOT (1 set For each type & rating of Motor)	84139120
		1.1.2.4	Greasing arrangements	1 LOT (1 set For each type & rating of Motor)	84139120
		1.1.2.5	Motor of each type and rating	1 LOT (10% of the installed quantity or minimum 1 number whichever is higher)	84139120
		1.1.2.6	Bearings (DE and NDE)	1 LOT (1 set For each type & rating of Motor)	84139120
		1.1.2.7	End shield cover (driving and non driving end)	1 LOT (1 set For each type & rating of Motor)	84139120
		1.1.2.8	Cooling fan	1 LOT (1 set For each type & rating of Motor)	84139120
		1.1.2.9	Motor terminal block	1 LOT (1 set For each type & rating of Motor)	84139120

		1.1.2.10	Complete set of coupling	1 LOT (1 set For each type & rating of Motor)	84139120
1.2	DM WATER TRANSFER PUMPS		SPARES FOR PUMPS		
		1.2.1.1	Impellers	1 LOT (One (1) set for each type)	84139120
		1.2.1.2	Wearing rings	1 LOT (One (1) set for each type)	84139120
		1.2.1.3	Pumps bearings	1 LOT (One (1) set for each type)	84139120
		1.2.1.4	Motor bearings	1 LOT (One (1) set for each type)	84139120
		1.2.1.5	Pump shaft	1 LOT (One (1) set for each type)	84139120
		1.2.1.6	Shaft sleeves	1 LOT (One (1) set for each type)	84139120
		1.2.1.7	Gaskets, dust seals and 'O' ring etc.	1 LOT (Two (2) sets for each type)	84139120
		1.2.1.8	Nut and bolts etc.	1 LOT (Two (2) sets for each type)	84139120
		1.2.1.9	Mechanical seal	1 LOT (One (1) set for each type)	84139120
		1.2.1.10	Complete set of coupling with accessories	1 LOT (One (1) set for each type)	84139120
		1.2.1.11	Shaft nuts & keys	1 LOT (One (1) set for each type)	84139120
			LT MOTOR SPARES		
		1.2.2.1	Terminal plates for motors upto 30kw for each rating	1 LOT (1 nos. For each type & rating of Motor)	84139120
		1.2.2.2	Terminal plates for motors above 30kw for each rating	1 LOT (1 nos. For each type & rating of Motor)	84139120
		1.2.2.3	Heaters	1 LOT (1 set For each type & rating of Motor)	84139120
		1.2.2.4	Greasing arrangements	1 LOT (1 set For each type & rating of Motor)	84139120
		1.2.2.5	Motor of each type and rating	1 LOT (10% of the installed quantity or minimum 1 number whichever is higher)	84139120
		1.2.2.6	Bearings (DE and NDE)	1 LOT (1 set For each type & rating of Motor)	84139120
		1.2.2.7	End shield cover (driving and non driving end)	1 LOT (1 set For each type & rating of Motor)	84139120
		1.2.2.8	Cooling fan	1 LOT (1 set For each type & rating of Motor)	84139120
		1.2.2.9	Motor terminal block	1 LOT (1 set For each type & rating of Motor)	84139120
		1.2.2.10	Complete set of coupling	1 LOT (1 set For each type & rating of Motor)	84139120
			SPARES FOR PUMPS		
		1.3.1.1	Impellers	1 LOT (One (1) set for each type)	84139120
		1.3.1.2	Wearing rings	1 LOT (One (1) set for each type)	84139120
		1.3.1.3	Pumps bearings	1 LOT (One (1) set for each type)	84139120
		1.3.1.4	Motor bearings	1 LOT (One (1) set for each type)	84139120
		1.3.1.5	Pump shaft	1 LOT (One (1) set for each type)	84139120
		1.3.1.6	Shaft sleeves	1 LOT (One (1) set for each type)	84139120

1.3	BOILER FILL PUMPS	1.3.1.7	Gaskets, dust seals and 'O' ring etc.	1 LOT (Two (2) sets for each type)	84139120
		1.3.1.8	Nut and bolts etc.	1 LOT (Two (2) sets for each type)	84139120
		1.3.1.9	Mechanical seal	1 LOT (One (1) set for each type)	84139120
		1.3.1.10	Complete set of coupling with accessories	1 LOT (One (1) set for each type)	84139120
		1.3.1.11	Shaft nuts & keys	1 LOT (One (1) set for each type)	84139120
			C&I SPARES		
			TEMPERATURE ELEMENTS		
		1.3.2.1	RTDs of each type & length	10% or 2 nos. whichever is more	84139120
		1.3.2.2	Thermowell for T/C & RTDs	10% or 1 no. of each type, rating, length used in the system whichever is more	84139120
1.4	DMCW TG PUMP		SPARES FOR PUMPS		
		1.4.1.1	Impellers	1 set (as required for one pump)	84139120
		1.4.1.2	Wearing rings	1 set (as required for one pump)	84139120
		1.4.1.3	Pumps bearings	1 set (as required for one pump)	84139120
		1.4.1.4	Motor bearings	1 set (as required for one pump)	84139120
		1.4.1.5	Pump shaft	1 set (as required for one pump)	84139120
		1.4.1.6	Shaft sleeves	1 set (as required for one pump)	84139120
		1.4.1.7	Gaskets, dust seals and 'O' ring etc.	2 sets (as required for one pump)	84139120
		1.4.1.8	Nut and bolts etc.	1 set (as required for one pump)	84139120
		1.4.1.9	Mechanical seal	1 set (as required for one pump)	84139120
			LT MOTOR SPARES		
		1.4.2.1	Terminal plates for motors upto 30kw for each rating	1 LOT (1 nos. For each type & rating of Motor)	84139120
		1.4.2.2	Terminal plates for motors above 30kw for each rating	1 LOT (1 nos. For each type & rating of Motor)	84139120
		1.4.2.3	Heaters	1 LOT (1 set For each type & rating of Motor)	84139120
		1.4.2.4	Greasing arrangements	1 LOT (1 set For each type & rating of Motor)	84139120
		1.4.2.5	Motor of each type and rating	1 LOT (10% of the installed quantity or minimum 1 number whichever is higher)	84139120
		1.4.2.6	Bearings (DE and NDE)	1 LOT (1 set For each type & rating of Motor)	84139120
		1.4.2.7	End shield cover (driving and non driving end)	1 LOT (1 set For each type & rating of Motor)	84139120
		1.4.2.8	Cooling fan	1 LOT (1 set For each type & rating of Motor)	84139120

		1.4.2.9	Motor terminal block	1 LOT (1 set For each type & rating of Motor)	84139120
		1.4.2.10	Complete set of coupling	1 LOT (1 set For each type & rating of Motor)	84139120
1.5	DMCW SG PUMP		SPARES FOR PUMPS		
		1.5.1.1	Impellers	1 set (as required for one pump)	84139120
		1.5.1.2	Wearing rings	1 set (as required for one pump)	84139120
		1.5.1.3	Pumps bearings	1 set (as required for one pump)	84139120
		1.5.1.4	Motor bearings	1 set (as required for one pump)	84139120
		1.5.1.5	Pump shaft	1 set (as required for one pump)	84139120
		1.5.1.6	Shaft sleeves	1 set (as required for one pump)	84139120
		1.5.1.7	Gaskets, dust seals and 'O' ring etc.	2 sets (as required for one pump)	84139120
		1.5.1.8	Nut and bolts etc.	1 set (as required for one pump)	84139120
		1.5.1.9	Mechanical seal	1 set (as required for one pump)	84139120
			LT MOTOR SPARES		
		1.5.2.1	Terminal plates for motors upto 30kw for each rating	1 LOT (1 nos. For each type & rating of Motor)	84139120
		1.5.2.2	Terminal plates for motors above 30kw for each rating	1 LOT (1 nos. For each type & rating of Motor)	84139120
		1.5.2.3	Heaters	1 LOT (1 set For each type & rating of Motor)	84139120
		1.5.2.4	Greasing arrangements	1 LOT (1 set For each type & rating of Motor)	84139120
		1.5.2.5	Motor of each type and rating	1 LOT (10% of the installed quantity or minimum 1 number whichever is higher)	84139120
		1.5.2.6	Bearings (DE and NDE)	1 LOT (1 set For each type & rating of Motor)	84139120
		1.5.2.7	End shield cover (driving and non driving end)	1 LOT (1 set For each type & rating of Motor)	84139120
		1.5.2.8	Cooling fan	1 LOT (1 set For each type & rating of Motor)	84139120
		1.5.2.9	Motor terminal block	1 LOT (1 set For each type & rating of Motor)	84139120
		1.5.2.10	Complete set of coupling	1 LOT (1 set For each type & rating of Motor)	84139120

PROJECT: 1x 660 MW BHUSAWAL TPS
PACAKGE: - MISC. PUMPS-HORIZONTAL
ENQUIRY NO. PE/PG/BHU/E-6436/2020, Dt:- 12.05.20
ANNEXURE - A TO NIT - CIF CONTENT

Sl No.	Description	CURRENCY	RATE OF CUSTOM DUTY	SOURCE OF SUPPLY	TOTAL CIF CONTENT
1.0	List of CIF content (if any)				

ANNEXURE-II OF NIT (DELIVERY COMPLETION CUM DRAWINGS/DOCUMENTS SUBMISSION SCHEDULE)-MISC. PUMPS (HORIZONTAL)

ENQUIRY NO.-PE/PG/BHU/E-6436/2020 Dtd. 12.05.2020

BHEL Drawing No	Drawing Title	Primary/S econdary	BHEL Inputs	Drg Sch for Vendors	Delivery Completion schedule for Supply Portion	Scope of Services, (if any, as per Indent) and corresponding schedule for rendering the services
PE-V7-415-100-N001	TDS AND PERFORMANCE CURVES- MISC. PUMPS	Primary	Motor documents (in case motor in BHEL scope)	R-0 within 21 days from PO & subsequent revisions incorporating all the BHEL comments within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt. ** In case of motor in BHEL scope, corresponding preliminary Pump GA & cross-section drawing to be submitted by vendor within 20 days from PO & final along with Pump GA & cross-section within 10 days of motor GA from BHEL.	Main Supply: Within Six (06) months from date of CAT-1 approval of Primary drawing/documents, subjected to drawing/document submission/re-submission schedule as stipulated. In case of any delay in submission/re-submission of Primary drawing/documents, then same shall be reduced from the given delivery period. Delay in BHEL's comments/approval beyond 18 days shall also be considered for delay analysis.	Supervision of Installation Checks
PE-V7-415-100-N002	GENERAL ARRANGEMENT AND CROSS SECTIONAL- PUMPS	Primary				Supervision of replacement of Gland Packing with Mech. Seal
PE-V7-415-100-N003	TDS AND CURVES OF MOTORS FOR MISC. PUMPS	Primary				PG Test at Site
PE-V7-415-100-N004	QP-MISC PUMPS	Primary				Vendor to depute its service engineer for respective site activity within 15 days from BHEL's intimation (for deputing service engineer) for such site activity. For delay in deputing service engineer, LD on site activities portion shall be applicable @ ½% of the total site activities portion contract value (excluding element of taxes) per week or part thereof, with applicable GST. However, total LD (supply + site activities) shall be limited to 10% of cumulative total contract value excluding taxes and freight (supply + site activities).
PE-V7-415-100-N005	QP- MOTORS	Primary				
PE-V7-415-100-N006	MOTOR TYPE TEST DOC (if applicable)	Secondary		R-0 within 21 days of approval on motor document & subsequent revisions incorporating all the BHEL comments within 10 days of comments received from BHEL.BHEL shall furnish comments / approval on each submission within 18 days from receipt. * In case of requirement of actual type test conductance of Motor, this document shall be got approved after conductance of type test from BHEL (before final inspection of respective pump)	In case of requirement of final inspection of Pump with Job Motor at vendor's works (as per approved QP) and such Motor is in BHEL scope, vendor shall inform requirement of BHEL's motor atleast one month in advance of Pump readiness, so that BHEL shall arrange motor at vendor's works within one month of such intimation. Time taken by BHEL in arranging motor at vendor's premises beyond one month of such intimation shall be considered for delay analysis. Mandatory Spares: Within 4 months from BHEL clearance. Seperate manufacturing clearance shall be given for Mandatory Spares.	
PE-V7-415-100-N007	O& M MANUAL -HOR. PUMPS	Secondary		within 30 days of issuance of MDCC.		
PE-V7-415-100-N008	PG Test procedure-Hor. Pumps	Secondary	R-0 within 30 days after R-0 submission of last primary document and revised submission within 10 days of receiving comments from BHEL			

NOTES:

- The end period specified is for completion of the deliveries. Deliveries to start progressively so as to meet the completion schedule.
- The delivery conditions specified are for contractual LD purposes, however BHEL may ask for early deliveries without any compensation thereof.
- Non-applicable drawings shall be decided during execution of the package.
- Wherever schedule of drawings/documents submission / re-submission is stipulated in the Technical Specifications, same shall be superseded by delivery specified in NIT (as above).

Letter head of Company (<Rs. 10 Cr value)

Ref.....

Date.....

To,

Bharat Heavy Electricals Limited

PEM, PPEI Building, Plot No 25,

Sector -16A, Noida (U.P)-201301

Subject: - Certification regarding local content

Reference: Tender Enquiry No-.....

Name of Package:

Dear Sir,

We hereby certify that items offered by us of(package name).....for.....(Project Name/Rate contract)..... meets the requirement of minimum local content in line with Cl. No..... of NIT No..... dated..... and the Public Procurement (Preference to Make in India), Order 2017 dated-15.06.2017, 28.05.2018 & 29.05.2019.

We further confirms that details of location at which the local value addition is made will be our registered works at(address of the works)

Yours very truly

..... (authorized signatory of company)

..... (firm name)

authorized signatory
of company