

TENDER SPECIFICATION

BHE/PW/PUR/SKT-MECH (CWP)/1184

FOR

PACKAGE A:- CW Pumps: Receipt of materials from BHEL Store / storage yards; Handling at BHEL Store/ storage yards/ site of works; Transportation between BHEL Store/ storage yards and site of works; preparation of foundations; assembly, blue matching, erection, levelling and alignment of loose components of (Vertical Type) Cooling Water Pump sets – Either 5 sets or 4 sets as required at the time of issuing of LoI [Pump Capacity- 19900 M3/hr, HEAD (Bowl) =25.5 mlc, SPEED - 490 RPM, Supplier: BHEL Hyderabad] and Motor (2200 kW, 6600 Volts 12 POLE, 497 RPM, MAKE-BHEL BHOPAL); fabrication, erection & alignment of stainless steel pipes/ tubes up to Dia. 60.3 for gland sealing/pump drains etc. supplied along with CW pumps and its welding by GTAW process with ER-347 / ER-309 and NDT of joints; grouting of CW Pump foundation bolts, Base plates, thrust block assembly (welding with E7018 electrodes may be required) and anchoring bolts etc. with non-shrink (free flow) grout materials Conbextra GP-2 cement; testing; trial run, commissioning and handing over for Unit-3 &4

AT

**SIKKA THERMAL POWER STATION
GUJARAT STATE ELECTRICITY CORPORATION LIMITED
DIST- JAMNAGAR , GUJARAT
VOLUME – I**

**VOLUME - II .1– PRICE BID
(PACKAGE.A)**



BHARAT HEAVY ELECTRICALS LIMITED
(A GOVERNMENT OF INDIA UNDERTAKING)
POWER SECTOR - WESTERN REGION
345, KINGS WAY - NAGPUR 440 001

BHARAT HEAVY ELECTRICALS LIMITED
(A GOVERNMENT OF INDIA UNDERTAKING)
POWER SECTOR - WESTERN REGION
SHREEMOHINI COMPLEX
345, KINGS WAY - NAGPUR 440 001

TENDER SPECIFICATION NO. BHE/PW/PUR/SKT-MECH (CWP)/1184

FOR
Erection & Commissioning work
of Three separate packages

Package A:- CW Pumps: Receipt of materials from BHEL Store / storage yards; Handling at BHEL Store/ storage yards/ site of works; Transportation between BHEL Store/ storage yards and site of works; preparation of foundations; assembly, blue matching, erection, levelling and alignment of loose components of (Vertical Type) Cooling Water Pump sets – Either 5 sets or 4 sets as required at the time of issuing of LoI [Pump Capacity- 19900 M3/hr, HEAD (Bowl) =25.5 m/c, SPEED - 490 RPM, Supplier: BHEL Hyderabad] and Motor (2200 kW, 6600 Volts 12 POLE, 497 RPM, MAKE-BHEL BHOPAL); fabrication, erection & alignment of stainless steel pipes/ tubes up to Dia. 60.3 for gland sealing/pump drains etc. supplied along with CW pumps and its welding by GTAW process with ER-347 / ER-309 and NDT of joints; grouting of CW Pump foundation bolts, Base plates, thrust block assembly (welding with E7018 electrodes may be required) and anchoring bolts etc. with non-shrink (free flow) grout materials Conbextra GP-2 cement; testing; trial run, commissioning and handing over for Unit-3 &4

AT
2X250 MW SIKKA THERMAL POWER STATION
GUJARAT STATE ELECTRICITY CORPORATION LIMITED
DIST- JAMNAGAR , GUJARAT

THESE TENDER DOCUMENTS CONTAINING PART-I TECHNICAL BID (VOLUME I & II)AND PART- II
PRICE BID, ARE ISSUED TO:

M/s.
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(THESE TENDER DOCUMENTS ARE NOT TRANSFERABLE)

FOR BHARAT HEAVY ELECTRICALS LIMITED

AGM (PURCHASE)

PLACE: NAGPUR
DATE:

BHEL-PSWR-NAGPUR
VOLUME-II PRICE BID (RATE SCHEDULE)
Tender Specification NO: BHE/PW/PUR/ SKT-MECH (CWP)/1184
Schedule of Rates and Quantities

	PACKAGE –A: CW PUMPS			
Sl. No.	Job Description	Quantity	Unit Rate per Pump set in Rupees	Total amount in Rupees
A	Receipt of materials from BHEL Store / storage yards; Handling at BHEL Store / storage yards / site of works; Transportation between BHEL Store / storage yards and site of works; preparation of foundations; assembly, blue matching, erection, leveling and alignment of loose components of (Vertical Type) Cooling Water Pump sets [Pump Capacity-19900 M³/hr, HEAD (Bowl) =25.5 mlc, SPEED - 490 RPM, Supplier: BHEL Hyderabad,] and Motor (2200 kW, 6600 Volts 12 POLE, 497 RPM, MAKE-BHEL BHOPAL) Total estimated weight of 1 set of CW Pump & Motor is 53.00 MT; fabrication, erection & alignment of stainless steel pipes/tubes up to Dia. 60.3 for gland sealing/pump drains etc. which are supplied along with CW pumps and its welding by GTAW process with ER-347 / ER-309 and NDT of joints; grouting of CW Pump foundation bolts, Base plates, thrust block assembly (welding with E7018 electrodes may be required) and anchoring bolts etc. with non-shrink (free flow) grout materials Conbextra GP-2 cement; testing; trial run, commissioning and handing over at 2x250 MW GSECL Sikka TPS Extn Unit 3&4 Project at Sikka AS PER TENDER SPECIFICATIONS: BHE/PW/PUR/SKT-MECH (CWP)/1184 FOR 05 (FIVE PUMP MOTOR SETS)	5 sets		
A2	Total Amount for entire scope of work (Package A)	In Words, Rupee_____only		

DATE

SIGNATURE OF BIDDER

BHEL-PSWR-NAGPUR
VOLUME-II PRICE BID (RATE SCHEDULE)
Tender Specification NO: BHE/PW/PUR/ SKT-MECH (CWP)/1184
Schedule of Rates and Quantities

B) FOR 04 (FOUR PUMP MOTOR SETS)				
Sl. No.	Job Description	Quantity	Unit Rate per Pump set in Rupees	Total amount in Rupees
B	Receipt of materials from BHEL Store / storage yards; Handling at BHEL Store / storage yards / site of works; Transportation between BHEL Store / storage yards and site of works; preparation of foundations; assembly, blue matching, erection, leveling and alignment of loose components of (Vertical Type) Cooling Water Pump sets [Pump Capacity-19900 M³/hr, HEAD (Bowl) =25.5 mlc, SPEED - 490 RPM, Supplier: BHEL Hyderabad,] and Motor (2200 kW, 6600 Volts 12 POLE, 497 RPM, MAKE-BHEL BHOPAL) Total estimated weight of 1 set of CW Pump & Motor is 53.00 MT; fabrication, erection & alignment of stainless steel pipes/tubes up to Dia. 60.3 for gland sealing/pump drains etc. which are supplied along with CW pumps and its welding by GTAW process with ER-347 / ER-309 and NDT of joints; grouting of CW Pump foundation bolts, Base plates, thrust block assembly (welding with E7018 electrodes may be required) and anchoring bolts etc. with non-shrink (free flow) grout materials Conbextra GP-2 cement; testing; trial run, commissioning and handing over at 2x250 MW GSECL Sikka TPS Extn Unit 3&4 Project at Sikka AS PER TENDER SPECIFICATIONS: BHE/PW/PUR/SKT-MECH (CWP)/1184 FOR 04 (FOUR PUMP MOTOR SETS)	04 Sets		
B2	Total Amount for entire scope of work	In Words, Rupees_____only		

DATE

SIGNATURE OF BIDDER

BHEL-PSWR-NAGPUR
VOLUME-II PRICE BID (RATE SCHEDULE)
Tender Specification NO: BHE/PW/PUR/ SKT-MECH (CWP)/1184
Schedule of Rates and Quantities

<u>NOTE: BHEL RESERVES THE RIGHT TO PLACE ORDER FOR EITHER FOUR SETS OR FIVE SETS ON THE QUALIFIED PARTY.</u>

DATE

SIGNATURE OF BIDDER