



# भारत हेवी इलेक्ट्रिकल्स लिमिटेड

( भारत सरकार का उपक्रम )

## BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 02

Ref: PSER:SCT:KLN-M1854:TCN-02

Date: 31-10-2017

Sub	Tender Change Notice -TCN-02	
Job	Design, Engineering, Manufacturing, Supply, Erection & Commissioning, Etc. Of 2 Nos 200/20 MT Double Girder TG HALL EOT Crane For 2x660 MW Maitree Super Thermal Power Project, Rampal, Bangladesh.	
Ref	1.0	Tender no PSER:SCT:KLN-M1854:17
	2.0	BHEL's NIT, vide reference no PSER:SCT:KLN-M1854:6108, Dated 04-10-2017
	3.0	BHEL's TCN-01 vide ref PSER:SCT:KLN-M1854:TCN-01 dated 25-10-2017
	4.0	All other pertinent issues till date.

With reference to above, following points/ documents, relevant to tender, may please be noted and complied with while submitting offer.

- 1.0 Revised PRICE SCHEDULE VOLUME-III,R-01 is attached superseding VOLUME-III, PRICE SCHEDULE, REV-00 issued earlier. Bidder shall quote as per this revised Volume-III,Rev-01 only.
- 2.0 Extension of due date of submission of offer from **31-10-2017** to **07-11-2017** (15:00 hrs).
- 3.0 Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
- 4.0 All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,  
for BHARAT HYEAVY ELECTRICALS LTD

DY MGR (SCT)

Encl : As above.

पावर सेक्टर पूर्वी क्षेत्र ( मुख्यालय )

POWER SECTOR EASTERN REGION, DJ-9/1, SECTOR-II, SALT LAKE CITY, KOLKATA - 700 091

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**VOLUME-III  
PRICE SCHEDULE, REV-01**

**DESIGN, ENGINEERING, MANUFACTURING, SUPPLY, ERECTION, COMMISSIONING ETC. OF TWO NOS. 200/20 MT TG HALL EOT CRANES FOR 2X660 MW  
MAITREE STPP, RAMPAL, BANGLADESH.**

**TENDER NO PSER:SCT:KLN-M1854:17**

SL NO	PREAMBLE
1	This preamble forms part of tender document and schedule of items. The tenderer should read this preamble carefully before filling in rates for various items. Clauses under this preamble shall be read in conjunction with various volumes of tender and other tender sections as applicable and shall have precedence over any contrary statement mentioned any where in this document.
2	The work shall be carried out strictly as per specifications, description of the items in these schedule and / or engineer's instructions. Drawings enclosed with the tender are only preliminary and for tender purposes and giving some idea of the work involved. The work is to be executed as per drawings & documents, which shall be furnished during execution.
3	Items of work provided in this schedule but not covered in this specification shall be executed strictly as per instruction of the engineer.
4	Unless specifically mentioned otherwise in the tender document, the tenderer shall quote for the finished items and shall provide for the complete cost towards power, fuel, tools, tackles, equipment, constructional plants, temporary works, labour, dismantling of all temporary piping, structures, valves, pumps, tanks & other misc. equipment, strengthening of roads/culverts/bridges etc. including arranging all clearances etc. required for carrying out different activities & tests, materials, levies, taxes(except service tax), transport, layout, repairs, rectification, maintenance till handing over, supervisions, colonies, shops, establishments, overheads, profits and incidental items not specifically mentioned but reasonably implied and necessary to complete the work according to the complete tender document and this schedule.
5	The quantities of the various items mentioned in this schedule of items are approximate, based on very preliminary information and may vary to any extent or be deleted altogether. The quoted rates of each item will remain firm throughout the period of execution including extension, for reasons whatsoever, as long as variation in the total value of work executed under any part of this contract including extra items, if any but excluding any price variation remains, within fifteen percent ( $\pm 15\%$ ) of the awarded price as per LOI.
6	Prior written approval of BHEL shall be sought by the contractor in case quantity variation of any item crosses +50% (plus fifty percent) limit during execution and approval to be obtained before execution of further quantity for this item.
7	In case Sealed /Paper Price Bids are opened for finalisation of the tender, for any Item Rate/BOQ based contract, possibility of variation of quantity/ addition/deletion of items can not be ruled out. Under such circumstances, after execution of work, if it is observed that standing as L-1 is changed based on actual quantity executed, the bidder shall give suitable rebate to maintain your standing as L-1. Since this aspect can be assessed at the end of execution, necessary adjustment will be effected at the end of execution in final bill. This condition shall not be applicable where the tender is finalised through Reverse Auction.
8	BHEL reserve the right to rationalize the rates, quoted by L-1 bidder against unit rate items and/ or other optional items with respect to item-wise lowest rates (amongst the participating bidders), before placement of order.
9	The rates quoted shall be inclusive of cleaning of site of any vegetation, dressing, clearing of old structures and leveling etc. including fixing of grid pillars, benchmarks etc. required for commencement of site activities. No separate payment will be made towards the same. However, if separate rate for such item is available in the rate
10	Rates shall be quoted in figures and in words in clear legible writing. No overwriting is allowed. All scoring and cancellations should be countersigned and in case of illegibility the interpretation of engineer shall be final. All entries shall be in English language.
11	All works item wise shall be measured upon completion and paid for at the rates quoted and accepted as per BHEL approved payment schedule/billing break-up.
12	The tender shall be deemed to have visited site and made himself aware of all the site conditions, studied the specifications and details of work to be done within the time schedule attached and to have acquainted himself of the conditions prevailing at site.
13	No splitting of the job is envisaged. Decision of BHEL in this regard shall be final and binding to the bidders.
14	Bidders are not allowed to alter the Price Schedule format including item description, quantity etc. and the offer is liable for rejection if the bidders submit their prices in Price Schedules modified by them. BHEL reserves the right to reject the offers of bidders who submit offers in Price Formats which are modified/ altered by them. Also putting any comments instead of rates/price in the designated column of the rate schedule shall make the offer liable for rejection.
15	Bidders to note that for Civil &/Structural packages, against a particular item against a ST No. appearing in more than one schedule of the BOQ, same rate must be quoted in all schedules for that particular items with same descriptions. If by error, different rates are quoted in different schedules for same ST No. (i.e. item with same description), then the higher of the rates shall be considered for evaluation but awarding shall be done with the lower rate, if the bidder becomes L-1."
16	For Lumpsum Service Contract: The items/components indicated in the tender is indicative and may vary to any extent. No compensation shall be payable in case of any variation in the items/components listed in the bill of quantities if the executed weight remains within the variation limit. However, in case of deletion of any item or
17	Engineer's decision shall be final and binding on the contractor regarding clarification of items in the schedule with respect to the other sections/volumes of the contract.
18	In case of tender for Civil and/or Structural works, if the Non-schedule items are not quoted by the bidder, it will be treated at par with rate of corresponding item of CPWD/PWD/DSR schedule as prescribed in the tender/BOQ cum Rate Schedule.
19	No interest, whatsoever, shall be payable by BHEL on the security deposit, any bank guarantee submitted or any amount due to successful bidder/contractor.
20	Size and weights of various items are mentioned in the attached BOQ cum rate/price schedule for reference purpose only & these shall not be taken into consideration for quoting/calculating amount in the rate schedule. These shall be utilised as per relevant sections of tender. Bidders shall quote for each item in the rate column, taking unit as mentioned in the quantity column. Rates shall be filled in both figures and words. Amount shall be calculated based upon these rates multiplied by the mentioned quantity for the respective items.
21	Bidder's Total price will be considered for evaluation unless stated otherwise.
22	In case of BOP packages, if Bidder does not quote/indicate the price for freight charges against indicated rate schedule, the same shall be considered as 2% of basic price and adjusted with the total quoted price against each item keeping the total quoted price unaltered.

<b>VOLUME-III PRICE SCHEDULE, REV-01</b>		
<b>DESIGN, ENGINEERING, MANUFACTURING, SUPPLY, ERECTION, COMMISSIONING ETC. OF TWO NOS. 200/20 MT TG HALL EOT CRANES FOR 2X660 MW MAITREE STPP, RAMPAL, BANGLADESH.</b>		
<b>TENDER NO - PSER:SCT:KLN-M1854:17</b>		
<b>SCH-1 - TOTAL PRICE</b>		
<b>SL NO</b>	<b>DESCRIPTION OF EQUIPMENT/ ITEM</b>	<b>TOTAL QUOTED PRICE (Rs.)</b>
1.0	Total price for supply part & service part together for design, engineering, manufacturing, inspection and testing at vendor's /sub vendor's works, painting, supply/ delivery duly packed (sea-worthy packing and in container, wherever applicable) at project site including freight, receipt, unloading, storage & handling at site, erection, commissioning, carrying out performance guarantee/Functional/Demonstration tests at site (As applicable), trial run, operation & maintenance, training of customer/client O&M staff (if applicable), final handing over to end customer (after O & M service) in flawless condition, etc. in line with drawings/ documents/ test procedures approved by BHEL/ customer, etc. for the total scope defined in the technical specification and terms & conditions of tender, taking into account all clarifications, confirmations & agreements till date for <b>Two nos. 200/20 MT TG Hall EOT Crane</b> , complete with all accessories, including supply of lubricants & consumables, erection & commissioning spares, maintenance tools & tackles, mandatory spares.	
<b>NOTE</b>		
1.0	Bidder to note that total price at sl no 1.0 above shall be considered for evaluation & awarding. As such total price at sl no 1.0 should be complete in all respect for the full scope defined and considering all terms and conditions.	
2.0	Bidder to note that percentage break-up of above total price into supply part, service part are frozen and indicated in SCH-2. Based on this broad break-up, item/ system-wise percentage break-up of supply part & service part are frozen & indicated in subsequent schedules. Based on this break-up and further break-up in subsequent schedules, separate orders will be placed for <b>(i) Main Supply (EOT Crane-1), (ii) Main Supply (EOT Crane 2), (iii) Main Service (EOT Crane-1), (iv) Main Service (EOT Crane-2), (v) Operation &amp; Maintenance, &amp; (vi) Mandatory Spares.</b>	
3.0	For supply part, bidder shall furnish break-up of broad allocated item/ system-wise prices in the respective schedule in the following manner:	
3.1	SCH-3 - Main supply price break-up for various items/ systems as per prescribed format.	
3.2	SCH-4 - Erection & commissioning spares including Lubricants and Consumables price break-up, indicating items-wise break-up corresponding to allocated percentage of SCH-3..	
3.3	SCH-5 - Tools & tackles for maintenance price break-up, indicating items-wise break-up corresponding to allocated percentage of SCH-3..	
3.4	SCH-6 - Mandatory Spares price break-up, indicating items-wise break-up corresponding to allocated percentage of SCH-2.	
4.0	SCH-7 - Main service price break-up for various items/ systems as per prescribed format.	
5.0	SCH-8 - Operation & Maintenance price break-up for various items/ systems as per prescribed format.	
6.0	For export content, price of which is included in sl no 1.0 above, but to enable issue of required documents by BHEL, bidder shall furnish details of CIF content in SCH-9.	
7.0	SCH-10 - Bidder shall provide list of Recommended spares. However, price of the same shall not be included at sl. No. 1.0 above and it shall not be considered for evaluation purpose.	

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	TOTAL QUOTED PRICE (Rs.)
8.0	Bidder shall note that while the allocated price in each schedule correspond to their respective prices, rates of various components will be worked out by apportioning the amounts wrt respective indicated quantities.	
9.0	If the bidder fail to furnish break-up as per above or furnish break-up in variance to above, BHEL reserve the right to fill-in or amend break-up, as applicable, as per BHEL's discretion in line with broad frozen break-up. Decision of BHEL in this regard shall be final & binding on bidder.	
10.0	Based on mode of finalisation of contract (Either through Reverse Auction or price bid opening, followed by negotiation, if any, while absolute price may change, percentage allocation as per the price schedule shall remain unchanged.	
11.0	Bidder shall furnish item-wise rate/ price for special tools & tackles for maintenance as per specified list of technical specification or separately furnish item-wise rate/ price break-up gainst allocated percentage in the price scehdule. In case, bidder do not furnish any rate/ price or indicate `NA' against any item due to non-	
12.0	Bidder shall furnish item-wise rate/ price for erection & commissioning spares as per specified list of technical specification or separately furnish item-wise rate/ price break-up against allocated percentage in the price scehdule. In case, bidder do not furnish any rate/ price or indicate `NA' against any item, they have to	
13.0	In case bidder do not indicate price component or indicate `NA', etc in the relevant schedule for any other items component required for completion of package, if applicable, they have to supply & execute such items, if required on detail engineering for completion of the package, at no extra cost to BHEL.	
14.0	Quantity of variable items (marked *), if included, is likely to vary during detailed design & engineering stage, mainly due to change in layout/ dimension, etc. The unit rates quoted & accepted by BHEL for these items shall be considered and no separate unit rates shall be quoted. Unit rates shall be valid throughout the contract period, including extension.	
15.0	Unit rate items, if included, shall not be considered for evaluation. The rates for the Unit rate items shall be applied for addition/ deletion of scope and rates shall be valid throughout the contract period, including extension.	
16.0	Other optional items, if included, shall not be considered for evaluation.	
17.0	BHEL reserve the right to rationalize the rates, quoted by L-1 bidder against variable items, Unit Rate items other optional items with respect to item-wise lowest rates (amongst the participating bidders), before placement of order.	
18.0	BHEL shall issue requisite document, if required, for imported items, if included, limited to the CIF values furnished by bidder in the relevant schedule.	
19.0	Estimated power consumption (EPC), if included, for the system (For working drives only) has been specified in relevant schedule.	
20.0	Bidder's quoted GPC at the relevant schedule shall be demonstrated by successful bidder during performance testing at works/ site.	
21.0	Any item as per scope of work, if not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection.	
22.0	Price format shall not be changed by bidder in any case, since it may lead to cancellation of bidder's offer.	

<b>VOLUME-III</b>			
<b>PRICE SCHEDULE, REV-01</b>			
<b>DESIGN, ENGINEERING, MANUFACTURING, SUPPLY, ERECTION, COMMISSIONING ETC. OF TWO NOS. 200/20 MT TG HALL EOT CRANES FOR 2X660 MW MAITREE STPP,</b>			
<b>RAMPAL, BANGLADESH.</b>			
<b>TENDER NO - PSER:SCT:KLN-M1854:17</b>			
<b>SCH-2 - TOTAL PRICE BREAK-UP</b>			
<b>SL NO</b>	<b>DESCRIPTION OF EQUIPMENT/ ITEM</b>	<b>ALLOCATION OF TOTAL PRICE (IN PERCENT)</b>	<b>ALLOCATION OF TOTAL PRICE (IN INR)</b>
(1)	(2)	(3)	(4)
<b>BREAK-UP OF TOTAL PRICE, SL NO 1.0 OF SCH-1</b>			
1.0	<b>MAIN SUPPLY</b> Total lumpsum price on FOR site basis for <b>supply part</b> for complete design, engineering, manufacturing, inspection & testing at manufacturers works, painting at manufacturers' works, supply in duly packed condition (sea-worthy packing and in container, wherever applicable), delivery at site, etc complete with all accessories including supply of maintenance tools & tackles, lubricants & consumables, commissioning spares for the total scope defined in technical specification and terms & conditions of tender taking into account of all clarifications/ modifications for two nos. 200/20 MT TG Hall EOT cranes.	70.00%	
2.0	<b>MAIN SERVICE</b> Total lumpsum price for <b>service part</b> receipt at site, handling, storage, structural work, erection, testing, commissioning, trial run, PG test, training of customer/client O&M staff (if applicable), final handing over to end customer (after O & M service) in flawless condition etc complete for the total scope defined in technical specification and terms & conditions of tender taking into account of all clarifications/ modifications for two nos. 200/20 MT TG Hall EOT cranes.	17.00%	
3.0	<b>OPERATION AND MAINTENANCE</b> Total lumpsum price for operation and maintenance at site, as per specification and terms & conditions of tender taking into account of all clarifications/ modifications for two nos. 200/20 MT TG Hall EOT cranes.	8.00%	
4.0	<b>MANDATORY SPARES</b> Total lumpsum price on FOR site basis for <b>mandatory spares</b> for complete design, engineering, manufacturing, inspection & testing at manufacturers works, painting at manufacturers' works, supply in duly packed condition, delivery at site, etc as per scope defined in technical specification and terms & conditions of tender taking into account of all clarifications/ modifications for two nos. 200/20 MT TG Hall EOT cranes.	5.00%	
<b>TOTAL PRICE (MAIN SUPPLY+ MAIN SERVICE + O&amp;M + MANDATORY SPARES)</b>		100.00%	
<b>NOTE</b>			
1.0	Bidder to note broad percentage break-up prices at sl no 1.0 in SCH-1 as per above.		
2.0	<b>Bidder to note based on above break-up and together with break-up in subsequent schedules, separate orders will be placed for (i) Main Supply (EOT Crane-1), (ii) Main Supply (EOT Crane 2), (iii) Main Service (EOT Crane-1), (iv) Main Service (EOT Crane-2), (v) Operation &amp; Maintenance, &amp; (vi) Mandatory Spares.</b>		

<b>VOLUME-III</b>							
<b>PRICE SCHEDULE, REV-01</b>							
<b>DESIGN, ENGINEERING, MANUFACTURING, SUPPLY, ERECTION, COMMISSIONING ETC. OF TWO NOS. 200/20 MT TG HALL EOT CRANES FOR 2X660 MW MAITREE STPP, RAMPAL, BANGLADESH.</b>							
<b>TENDER NO - PSER:SCT:KLN-M1854 :17</b>							
<b>SCH-3 - MAIN SUPPLY PRICE BREAK-UP</b>							
SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	QUANTITY	ALLOCATION OF TOTAL PRICE (IN PERCENT)	QUOTED COMPONENT OF ALLOCATION (IN INR)			
				UNIT BASIC PRICE	OTHER INCIDENTAL UNIT CHARGES	TOTAL UNIT PRICE	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6)	(7) = (5)+(6)	(8) = (7)*(3)
<b>BREAK-UP OF MAIN SUPPLY PRICE, SL NO 1.0 OF SCH-2</b>							
<b>1.0 TG HALL EOT CRANE-1</b>							
1.1	Total price for 200/20 T capacity, Double girder EOT cranes with 29 M lift of main hook, 36.35 m lift of auxiliary hook, 27.9 M span complete with all accessories, isolating switch and power cable from isolating switch to DSL.	1 SET	40.50				
1.2	Total price for 283 m bay length PVC shrouded bus bar type DSL, complete with all accessories.	1 SET	3.00				
1.3	Total price for 283 m bay length gantry rail, complete with accessories.	1 SET	7.00				
1.4	Total price of 166.5 m temporary cable for operation of crane during erection stage of the plant <i>(equal to half the baylength plus 25 M)</i> .	1 SET	0.25				
1.5	Total price for hydraulically operated Storm Brake (LT hydraulic rail clamps/parking brakes) complete with all accessories.	1 SET	0.50				
1.6	Total price for Lifting beams & slings for tandem operation, complete with all accessories.	1 SET	7.00				
1.7	Total price for erection & commissioning spares including fill of lubricants & consumables. (Bidder shall submit item-wise break-up in techno-commercial offer as well as in price offer)	1 LOT	0.25				
1.8	Total price for maintenance tools & tackles. (Bidder shall submit item-wise break-up in techno-commercial offer as well as in price offer)	1 LOT	0.25				
<b>2.0 TG HALL EOT CRANE-2</b>							
2.1	Total price for 200/20 T capacity, Double girder EOT cranes with 29 M lift of main hook, 36.35 m lift of auxiliary hook, 27.9 M span complete with all accessories.	1 SET	40.50				
2.2	Total price of 166.5 m temporary cable for operation of crane during erection stage of the plant <i>(equal to half the baylength plus 25 M)</i> .	1 SET	0.25				
2.3	Total price for hydraulically operated Storm Brake (LT hydraulic rail clamps/parking brakes) complete with all accessories.	1 SET	0.50				
<b>TOTAL (TWO NOS. TG HALL EOT CRANE -SUPPLY)</b>			<b>100.00</b>				
<b>NOTE</b>							
1.0	While break-up of main supply price (70%) w.r.t. total price is frozen in SCH-2. Further break-up of main supply price into various supply components is to be provided by bidder as per above SCH-3.						
2.0	Other incidental charges shall include custom clearance, port handling, freights, etc. charges						
3.0	Bidder has to furnish detail break-up of price of individual item as per above prescribed format.						
4.0	Total amount shall correspond to sl no 1.0 of SCH-2.						
5.0	Total amount at column (8) shall correspond to the allocated percentage of total price at column (4).						
6.0	Any item/quantity not specifically indicated in this break up but required as per system requirement, shall be supplied by vendor without any additional financial implication to BHEL.						

VOLUME-III PRICE SCHEDULE, REV-01						
DESIGN, ENGINEERING, MANUFACTURING, SUPPLY, ERECTION, COMMISSIONING ETC. OF TWO NOS. 200/20 MT TG HALL EOT CRANES FOR 2X660 MW MAITREE STPP, RAMPAL, BANGLADESH.						
TENDER NO - PSER:SCT:KLN-M1854:17						
SCH-4 - ERECTION & COMMISSIONING SPARES PRICE BREAK-UP						
SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	QUANTITY	QUOTED COMPONENT OF ALLOCATION (IN INR)			
			UNIT BASIC PRICE	OTHER INCIDENTAL UNIT CHARGES	TOTAL UNIT PRICE	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6) = (4)+(5)	(7) = (6)*(3)
BREAK-UP OF E&C SPARES INCL LUBRICANTS & CONSUMABLES SUPPLY PRICE, SL NO 1.7 OF SCH-3						
1.0						
2.0						
3.0						
TOTAL (E&C SPARES INCL LUBRICANTS & CONSUMABLES)						
NOTE						
1.0	Bidder may attach separate sheet to furnish detailed item-wise break-up of above items corresponding to allocation in SCH-3, Sl. No. 1.7.					
2.0	Other incidental charges shall include custom clearance, port handling, freights, etc. charges					

VOLUME-III PRICE SCHEDULE, REV-01						
DESIGN, ENGINEERING, MANUFACTURING, SUPPLY, ERECTION, COMMISSIONING ETC. OF TWO NOS. 200/20 MT TG HALL EOT CRANES FOR 2X660 MW MAITREE STPP, RAMPAL, BANGLADESH.						
TENDER NO - PSER:SCT:KLN-M1854:17						
SCH-5 - MAINTENANCE TOOLS & TACKLES SUPPLY PRICE BREAK-UP						
SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	QUANTITY	QUOTED COMPONENT OF ALLOCATION (IN INR)			
			UNIT BASIC PRICE	OTHER INCIDENTAL UNIT CHARGES	TOTAL UNIT PRICE	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6) = (4)+(5)	(7) = (6)*(3)
BREAK-UP OF TOOLS & TACKLES FOR MAINTENANCE SUPPLY PRICE, SL NO 1.8 OF SCH-3						
1.0						
2.0						
3.0						
TOTAL (MAINTENANCE TOOLS & TACKLES)						
NOTE						
1.0	Bidder may attach separate sheet to furnish detailed item-wise break-up of maintenance tools & tackles corresponding to allocation in SCH-3, Sl. No. 1.8.					
2.0	Other incidental charges shall include custom clearance, port handling, freights, etc. charges					
3.0	Bidder to refer Annexure III of Technical specification no PE-TS-421-501-A301 for list of tools and tackles.					



VOLUME-III PRICE SCHEDULE, REV-01						
DESIGN, ENGINEERING, MANUFACTURING, SUPPLY, ERECTION, COMMISSIONING ETC. OF TWO NOS. 200/20 MT TG HALL EOT CRANES FOR 2X660 MW MAITREE STPP, RAMPAL, BANGLADESH.						
TENDER NO - PSER:SCT:KLN-M1854:17						
SCH-6 - MANDATORY SPARES						
SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	QUANTITY	QUOTED COMPONENT OF ALLOCATION (IN INR)			
			UNIT BASIC PRICE	OTHER INCIDENTAL UNIT CHARGES	TOTAL UNIT PRICE	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6) = (4)+(5)	(7) = (6)*(3)
BREAK-UP OF MANDATORY SPARES SUPPLY PRICE, SL NO 4.0 OF SCH-2						
1.0	<b>MECHANICAL</b>					
1.1	Bearings for long travel wheels	1 set				
1.2	Bearings for cross travel wheels	1 set				
1.3	Bearings for Gear Boxes for each type of Hoist ( both main and auxiliary hoist)	1 set				
1.4	Brake Liner for all the brakes ( both main and auxiliary hoist)	1 set				
1.5	Hydraulic thruster for all the Brakes (both main and auxiliary hoist)	1 set				
1.6	Oil Seals (both main and auxiliary hoist)	1 set				
1.7	Brake springs for all brakes (both main and auxiliary hoist)	1 set				
1.8	Wire Rope for Aux. hook	1 no				
1.9	Contactors, push buttons and relays	1 set				
2.0	<b>ELECTRICAL</b>					
2.1	Solenoid Coils for Brakes	2 sets				
2.2	MCBs/MCCBS/Fuse links for the whole crane	1 set				
2.3	Contactors and overload Relays	1 set of each type, size & rating				
2.4	Motor of the EOT	1 set of each type, size & rating				
2.5	Timers of each type, size & rating	1 set				
2.6	Limit Switches for					
2.6.1	Main Hoist	1 set				
2.6.2	Aux. Hoist	1 set				
2.6.3	Cross Travel	1 set				
2.6.4	Long Travel	1 set				
2.7	Carbon brushes and brush holder	1 Set				
2.8	Master controller for Aux hoist	1 Set				
2.9	Resistance Box	1 no of each type.				
3.0	Drives for MH,AH,CT & LT	1 no of each type & rating				
TOTAL PRICE (MANDATORY SPARES)						
<b>NOTE</b>						
1.0	Mandatory spares listed above is bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender specification, same shall be deemed to have been covered in bidders scope of supply. Bidder to refer Annexure II- Spares of Technical specification PE-TS-421-501-A301 for details.					
2.0	Bidder may attach separate sheet to furnish detailed ite-wise break-up of mandatory spares corresponding to allocation in SCH-2, Sl. No. 4.0.					
3.0	Other incidental charges shall include custom clearance, port handling, freights, etc. charges					

<b>VOLUME-III</b>					
<b>PRICE SCHEDULE, REV-01</b>					
<b>DESIGN, ENGINEERING, MANUFACTURING, SUPPLY, ERECTION, COMMISSIONING ETC. OF TWO NOS. 200/20 MT TG HALL EOT CRANES FOR 2X660 MW MAITREE STPP, RAMPAL, BANGLADESH.</b>					
<b>TENDER NO - PSER:SCT:KLN-M1854:17</b>					
<b>SCH-7 - MAIN SERVICE PRICE BREAK-UP</b>					
SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	QUANTITY	ALLOCATION OF TOTAL PRICE (IN PERCENT)	QUOTED COMPONENT OF ALLOCATION (IN INR)	
				UNIT PRICE	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6) = (5)*(3)
<b>BREAK-UP OF MAIN SERVICE PRICE, SL NO 2.0 OF SCH-2</b>					
1.0	<b>TG HALL EOT CRANE-1</b>				
1.1	Total price for 200/20 T capacity, Double girder EOT cranes with 29 M lift of main hook, 36.35 m lift of auxiliary hook, 27.9 M span complete with all accessories, isolating switch and power cable from isolating switch to DSL.	1	SET	40.75	
1.2	Total price for 283 m bay length PVC shrouded bus bar type DSL, complete with all accessories.	1	SET	3.00	
1.3	Total price for 283 m bay length gantry rail, complete with accessories.	1	SET	7.00	
1.4	Total price of 166.5 m temporary cable for operation of crane during erection stage of the plant <i>(equal to half the baylength plus 25 M)</i> .	1	SET	0.25	
1.5	Total price for hydraulically operated Storm Brake (LT hydraulic rail clamps/parking brakes) , complete with all accessories.	1	SET	0.50	
1.6	Total price for Lifting beams & slings for tandem operation, complete with all accessories.	1	SET	7.00	
2.0	<b>TG HALL EOT CRANE-2</b>				
2.1	Total price for 200/20 T capacity, Double girder EOT cranes with 29 M lift of main hook, 36.35 m lift of auxiliary hook, 27.9 M span complete with all accessories.	1	SET	40.75	
2.2	Total price of 166.5 m temporary cable for operation of crane during erection stage of the plant <i>(equal to half the baylength plus 25 M)</i> .	1	SET	0.25	
2.3	Total price for hydraulically operated Storm Brake (LT hydraulic rail clamps/parking brakes) , complete with all accessories.	1	SET	0.50	
<b>TOTAL PRICE (TG HALL EOT CRANE -SERVICE)</b>				100.00	
<b>NOTE</b>					
1.0	While break-up of main service price (17%) w.r.t. total price is frozen in SCH-2. Further break-up of main service price into various components is to be provided by bidder as per above SCH-7.				
2.0	Bidder has to furnish detail break-up of price of individual item as per above prescribed format.				
3.0	Total amount shall correspond to sl no 2.0 of SCH-2.				
4.0	Total amount at column (6) shall correspond to the allocated percentage of total price at column (4).				
5.0	Any item/quantity not specifically indicated in this break up but required as per system requirement, shall be provided by vendor without any additional financial implication to BHEL.				

**VOLUME-III  
PRICE SCHEDULE, REV-01**

**DESIGN, ENGINEERING, MANUFACTURING, SUPPLY, ERECTION, COMMISSIONING ETC. OF TWO NOS. 200/20 MT TG HALL  
EOT CRANES FOR 2X660 MW MAITREE STPP, RAMPAL, BANGLADESH.**

**TENDER NO - PSER:SCT:KLN-M1854:17**

**SCH-8 - OPERATION & MAINTENANCE (O&M) PRICE BREAK-UP**

SL NO	DESCRIPTION OF ITEM	QUANTITY	ALLOCATION OF TOTAL PRICE (IN PERCENT)	ALLOCATION OF TOTAL PRICE (Rs.)	UNIT RATE (Rs.)
(1)	(2)	(3)	(4)	(5)	(6) = (5) / (3)
<b>O&amp;M PRICE BREAK-UP OF 3.0 OF SCH-2.</b>					
1.0	Price for providing OPERATION AND MAINTENANCE SERVICE including manpower, supervision, consumables etc. for operation & maintenance of each crane after commissioning & final handing over to end customer (after O&M service) in flawless condition with all accessories for the total scope defined as per technical specification.	48	CRANE-MONTH	8.0%	

**NOTE**

- |     |  |
|-----|--|
| 1.0 | Bidder shall quote rate per month and amount in this schedule. Total amount shall correspond to sl no 3.0 of SCH-II.   |
| 2.0 | Bidder to note that BHEL reserves the rights to distribute total number of crane-months in two cranes at its sole descretion i.e. during execution number of crane-months for one crane may be more than 24 and accordingly lesser number of crane-months for other crane. |
| 3.0 | There may be increase or decrease in the total number of crane-months as mentioned above. However, payment shall be made as per above quoted rate on per month basis.  |

**VOLUME-III  
PRICE SCHEDULE, REV-01**

**DESIGN, ENGINEERING, MANUFACTURING, SUPPLY, ERECTION, COMMISSIONING ETC. OF TWO NOS.  
200/20 MT TG HALL EOT CRANES FOR 2X660 MW MAITREE STPP, RAMPAL, BANGLADESH.**

**TENDER NO - PSER:SCT:KLN-M1854**

**SCH-9 EXPORT CONTENT (FOR BANGLADESH)**

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	ALL INCLUSIVE PRICE (As per tender)
1.0	Total price (in terms of `Euro/US \$' and correspondingly in INR as on date) for supply of import content, as required, for total scope defined as per technical specification and terms & conditions of tender taking into account all clarifications, confirmations and agreements till date. (Bidder shall furnish item-wise break-up in a separate sheet)	
1.1	<b>Export from India</b>	
1.1.1	In Euro.	
1.1.2	In INR (Corresponding to 1.1.1).	
1.1.3	In US \$.	
1.1.4	In INR (Corresponding to 1.2.1).	
1.2	<b>Export from countries other than India</b>	
1.2.1	In Euro.	
1.2.2	In INR (Corresponding to 1.1.1).	
1.2.3	In US \$.	
1.2.4	In INR (Corresponding to 1.2.1).	
1.3	<b>Total in INR (1.1.2 + 1.1.4 + 1.2.2 + 1.2.4).</b>	
<b>NOTE</b>		
1.0	Bidder's quoted price/ allocations in various schedules shall be inclusive of above total price for export component at sl no 1.3 above.	
2.0	Bidder shall furnish item-wise break-up of exported items.	

VOLUME-III PRICE SCHEDULE, REV-01						
DESIGN, ENGINEERING, MANUFACTURING, SUPPLY, ERECTION, COMMISSIONING ETC. OF TWO NOS. 200/20 MT TG HALL EOT CRANES FOR 2X660 MW MAITREE STPP, RAMPAL, BANGLADESH.						
TENDER NO - PSER:SCT:KLN-M1854:17						
SCH-10 - RECOMMENDED SPARES						
SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	QUANTITY	QUOTED COMPONENT OF ALLOCATION (IN INR)			
			UNIT BASIC PRICE	OTHER INCIDENTAL UNIT CHARGES	TOTAL UNIT PRICE	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6) = (4)+(5)	(7) = (6)*(3)
TOTAL PRICE (RECOMMENDED SPARES)						
<b>NOTE</b>						
1.0	Bidder shall furnish, along with the bid, list of recommended spares with their unit rates as per above schedule. These items will be considered as optional items and unit rates will be valid throughout the period of execution of the contract including extension, if any.					
2.0	Bidder shall refer Annexure II (Spares) of Technical specification for details. The recommended spares have to be quoted over and above the mandatory spares.					
3.0	The Recommended spares quoted as per above schedule shall not be considered for evaluation of the tender.					
4.0	Other incidental charges shall include custom clearance, port handling, freights, etc. charges					

**FORMAT FOR NO DEVIATION CERTIFICATE**  
**(To be submitted in the bidder's letter head)**

BHARAT HEAVY ELECTRICALS LIMITED,  
Power Sector - Eastern Region,  
Plot no 9/1, DJ Block, Sector – II, Salt Lake City,  
Kolkata – 700 091

<b>Sub</b>	No Deviation Certificate.	
<b>Job</b>	Design, Engineering, Manufacturing, Supply, Erection & Commissioning, Etc. Of 2 Nos 200/20 MT Double Girder TG HALL EOT Crane For 2x660 MW Maitree Super Thermal Power Project, Rampal, Bangladesh.	
<b>Ref</b>	1.0	Tender no PSER:SCT:KLN-M1854:17
	2.0	BHEL's NIT, vide reference no PSER:SCT:KLN-M1854:6108, Dated 04-10-2017
	3.0	BHEL's TCN-01, vide reference PSER:SCT:KLN-M1854:TCN-01, dated 25-10-2017.
	4.0	BHEL's TCN-02, vide reference PSER:SCT:KLN-M1854:TCN-02, dated 31-10-2017
	5.0	All other pertinent issues till date.

Dear Sirs,

With reference to above, this is to confirm that as per tender conditions, we have visited site before submission of our offer and noted the job content & site conditions etc. We also confirm that we have not changed/ modified the tender documents as appeared in the website/ issued by you and in case of such observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification, integrity pact (if applicable) and acceptance to reverse auctioning process.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid references.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized representative of the bidder)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION DJ-9/1, SECTOR-II, SALTLAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211691, 23211798, 23211796