



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 02

Ref: PSER:SCT:RKL-M1774:TCN-02

Date: 21-10-2016

Sub	Tender Change Notice (TCN) - 02	
Job	Design, Engineering, Manufacturing, Assembly, Inspection and Testing, Painting, Supply/ Delivery duly Packed at project site including Freight and complete Erection & Commissioning, O&M, etc. of 1 Nos. 80/25 T Capacity, Double Girder EOT Crane for 1x250 MW NSPCL, PP-II Expansion, Rourkela, Odisha.	
Ref	1.0	Tender No. PSER:SCT: RKL-M1774:16
	2.0	BHEL's NIT, vide reference no PSER:SCT: RKL-M1774:5259, Dated 06-10-2016.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:RKL-M1774:TCN-01, Dated 18-10-2016
	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 the offer.

1. Revised BOQ cum price schedule, **VOLUME-III-PRICE SCHEDULE, REV-01** is attached **superseding VOLUME-III PRICE SCHEDULE, REV-00** issued earlier along with NIT. Bidder shall quote as per this revised Volume-III, Rev-01 only. Bidder is also requested to submit a declaration in techno-commercial offer that they have submitted their price bid as per **REVISED price schedule** format (**VOLUME-III- PRICE SCHEDULE, REV-01**).
(For uploading Revised/Latest price schedule format in E-procurement Portal, contact Mjunction.)
2. Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
3. All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

SR.ENGR (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, Assembly, Inspection and Testing, Painting, Supply/ Delivery duly Packed at project site including Freight and complete Erection & Commissioning, O&M, etc. of 1 Nos. 80/25 T Capacity, Double Girder EOT Crane for 1x250 MW NSPCL, PP-II Expansion, Rourkela, Odisha.	
TENDER NO PSER:SCT:RKL-M1774:16	
PREAMBLE	
SL NO	
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 anywhere 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 all 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 plus minus 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 schedule, the same shall be considered.
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/alterd 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 addition of new items over and above the items listed or variation of existing quantity beyond variation limit specified, adjustment (i.e. Payment or recovery as the case may be) shall be done on pro-rata basis based on the Rate per MT worked out from the quoted lump-sum Price and the total weight of components listed /indicated in price schedule plus 15% weight variation limit.
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 shall be considered for evaluation unless stated otherwise.
22	In case of BOP packages, if Bidder does not quote/indicate the price for freight chages 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.

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

Design, Engineering, Manufacturing, Assembly, Inspection and Testing, Painting, Supply/ Delivery duly Packed at project site including Freight and complete Erection & Commissioning, O&M, etc. of 1 Nos. 80/25 T Capacity, Double Girder EOT Crane for 1x250 MW NSPCL, PP-II Expansion, Rourkela, Odisha.

TENDER NO - PSER:SCT:RKL-M1774:16

SCH-1 - TOTAL PRICE

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	TOTAL QUOTED PRICE (Rs)
1.0	Total price for supply part & service part together for design, engineering, manufacturing, inspection and testing, painting, supply/ delivery duly packed at project site including freight, receipt, unloading, storage & handling at site, erection, commissioning, load testing, trial run, handing over to customer, operation & maintenance (O&M), 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 one no. 80/ 25 T capacity, double girder EOT crane with 27.5 m lift of main hook, 32.615 m lift of auxiliary hook, 23.3 m span, 93 m bay length gantry rail & PVC shrouded bus bar type DSL along with additional LT hydraulic rail clamps/ parking brakes, complete with accessories including temporary cable, isolating switch, power cable from isolating switch to DSL, complete with all accessories, hydraulically operated storm brakes, including supply of consumables, erection & commissioning spares, maintenance tools & tackles, mandatory spares.	

NOTE

1.0	Bidder to note that total price at sl no 1.0 above shall be considered for evaluation & awarding. As such total price should be complete in all respect for the full scope defined and considering all terms and conditions.
2.0	Bidder shall note that Service Tax (On service part) shall be paid extra at actual as per tender provision. As such, bidder's price shall be exclusive of these components and evaluation of bidders total price will be done on this basis.
3.0	Bidder to note that percentage break-up of above total price into supply part, service part, O&M part are frozen and indicated in SCH-2. Base on this break-up and further break-up in subsequent schedules, separate orders will be placed for (i) Main supply of EOT CRANE; (ii) Mandatory spares supply; (iii) Main service of EOT CRANE; (iv) Operation & maintenance (O&M) as per respective price components.
4.0	Broad break-up of price as enumerated above is frozen in SCH-2 into main supply, mandatory spares supply, main service, operation & maintenance (O&M) and item/ system-wise percentage break-up of supply part & service part are frozen & indicated in subsequent schedules. For supply part, bidder shall furnish break-up of broad allocated item/ system-wise prices into basic price, taxes & duties, freight, total in the respective schedule in the following manner.
4.1	SCH-3 - Main supply price break-up into basic, taxes & duties, freight, total for various items/ systems as per prescribed format.
4.2	SCH-4 - Erection & commissioning spares price break-up, indicating items-wise break-up into basic, taxes & duties, freight, total, corresponding to allocated percentage of SCH-3..
4.3	SCH-5 - Special tools & tackles for maintenance price break-up, indicating items-wise break-up into basic, taxes & duties, freight, total, corresponding to allocated percentage of SCH-3..

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	TOTAL QUOTED PRICE (Rs)
4.4	SCH-6 - Mandatory spares price break-up, indicating items-wise break-up into basic, taxes & duties, freight, total.	
5.0	For service part, break-up of allocated item/ system-wise prices is frozen and furnished in SCH-7 and shall be followed for all contractual purpose. For this, bidder will not be required to further any further break-up.	
6.0	For operation & maintenance part, bidder shall quote their rates and amount in SCH-8 and total amount shall be indicated in sl no 2.0 of this schedule.	
7.0	For import content, price of which is included in sl no 1.0 above, but to enable issue of requisite documents by BHEL, bidder shall furnish details of CIF content in SCH-9.	
8.0	DEVIATION SHEET (COST OF WITHDRAWAL) to be furnished by the bidder.	
9.0	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.	
10.0	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.	
11.0	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.	
12.0	Any variation in length of DSL/ gantry rail due to change in bay length will be adjusted based on unit rates arrived from respective price components in price schedule.	
13.0	If freight component is not specifically indicated in the relevant section of price schedule, 2 % of total corresponding amount will be considered as freight component against each item for further processing.	
14.0	Bidder shall furnish item-wise rate/ price for mandatory spare as per list & as per technical specification, in the relevant schedule, if included. In case, bidder do not furnish any rate/ price or indicate `NA' against any item due to non-applicability as per bidder's design, etc, they have to supply such items, if found required on detail engineering or due to any other reason at a later date as per direction of BHEL/ customer.	
15.0	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 against allocated percentage in the price schedule. In case, bidder do not furnish any rate/ price or indicate `NA' against any item due to non-applicability as per bidder's design, etc, they have to supply such items, if found required on detail engineering or due to any other reason at a later date as per direction of BHEL/ customer.	
16.0	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 schedule. In case, bidder do not furnish any rate/ price or indicate `NA' against any item, they have to supply such items, if required on detail engineering or due to any other reason at a later date as per direction of BHEL/ customer.	
17.0	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.	

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	TOTAL QUOTED PRICE (Rs)
18.0	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 contract.	
19.0	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 through out the contract period, including extension.	
20.0	Other optional items, if included, shall not be considered for evaluation.	
21.0	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.	
22.0	BHEL shall issue requisite document, if required, for imported items, if included, limited to the CIF values furnished by bidder in the relevant schedule.	
23.0	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.	
24.0	Price format shall not be changed by bidder in any case, since it may lead to cancellation of bidder's offer.	

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

Design, Engineering, Manufacturing, Assembly, Inspection and Testing, Painting, Supply/ Delivery duly Packed at project site including Freight and complete Erection & Commissioning, O&M, etc. of 1 Nos. 80/25 T Capacity, Double Girder EOT Crane for 1x250 MW NSPCL, PP-II Expansion, Rourkela, Odisha.

TENDER NO - PSER:SCT:RKL-M1774:16

SCH-2 - TOTAL PRICE BREAK-UP

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	ALLOCATION OF TOTAL PRICE (IN PERCENT)
(1)	(2)	(3)
BREAK-UP OF TOTAL PRICE, SL NO 1.0 OF SCH-1		
1.0	MAIN SUPPLY Total price for supply part for design, engineering, manufacturing, inspection, testing, painting, supply/ delivery duly packed at project site including freight, in line with drawings/ documents/ test procedures approved by BHEL/ customer, for the total scope defined in the technical specification and terms & conditions of tender, taking into account all clarifications, confirmations and agreements till date for one no. 80/ 25 T capacity, double girder EOT crane with 27.5 m lift of main hook, 32.615 m lift of auxiliary hook, 23.3 m span, 93 m bay length gantry rail & PVC shrouded bus bar type DSL along with additional LT hydraulic rail clamps/ parking brakes, complete with accessories, temporary cable, isolating switch, power cable from isolating switch to DSL, complete with all accessories, hydraulically operated storm brakes, including supply of consumables, erection & commissioning spares, maintenance tools & tackles.	70%
2.0	MANDATORY SPARE SUPPLY Total price for supply part for design, engineering, manufacturing, inspection, testing, painting, supply/ delivery duly packed at project site including freight, in line with drawings/ documents/ test procedures approved by BHEL/ customer, for the total scope defined in the technical specification and terms & conditions of tender, taking into account all clarifications, confirmations and agreements till date for mandatory spares.	6%
3.0	MAIN SERVICE Total price for service part for receipt, unloading, storage & handling at site, erection, commissioning, load testing, trial run, handing over, etc in line with drawings/ documents/ test procedures approved by BHEL/ customer, for the total scope defined in the technical specification and terms & conditions of tender, taking into account all clarifications, confirmations and agreements till date for one no. 80/ 25 T capacity, double girder EOT crane with 27.5 m lift of main hook, 32.615 m lift of auxiliary hook, 23.3 m span, 93 m bay length gantry rail & PVC shrouded bus bar type DSL along with additional LT hydraulic rail clamps/ parking brakes, complete with accessories, temporary cable, isolating switch, power cable from isolating switch to DSL, complete with all accessories, hydraulically operated storm brakes.	18%
4.0	OPERATION & MAINTENANCE (O&M) Total price for service part for operation & maintenance (O&M), for the total scope defined in the technical specification and terms & conditions of tender, taking into account all clarifications, confirmations and agreements till date for one no. 80/ 25 T capacity, double girder EOT crane with 27.5 m lift of main hook, 32.615 m lift of auxiliary hook, 23.3 m span, 93 m bay length gantry rail & PVC shrouded bus bar type DSL along with additional LT hydraulic rail clamps/ parking brakes, complete with accessories, temporary cable, isolating switch, power cable from isolating switch to DSL, complete with all accessories, hydraulically operated storm brakes.	6%
TOTAL (MAIN SUPPLY+ MANDATORY SPARES SUPPLY+MAIN SERVICE + O&M)		100%
NOTE		
1.0	Bidder to note broad percentage break-up prices at sl no 1.0 (Main supply, mandatory spare supply & main service) in SCH-1 as per above.	
2.0	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 of EOT CRANE (ii) Mandatory spares supply; (iii) Main service of EOT CRANE; (iv) Operation & maintenance (O&M).	

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

Design, Engineering, Manufacturing, Assembly, Inspection and Testing, Painting, Supply/ Delivery duly Packed at project site including Freight and complete Erection & Commissioning, O&M, etc. of 1 Nos. 80/25 T Capacity, Double Girder EOT Crane for 1x250 MW NSPCL, PP-II Expansion, Rourkela, Odisha.

TENDER NO - PSER:SCT:RKL-M1774:16

SCH-3 - MAIN SUPPLY PRICE BREAK-UP

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	ALLOCATION OF TOTAL PRICE (IN PERCENT)	ALLOCATION OF TOTAL PRICE (IN INR)	QUANTITY	QUOTED COMPONENT OF ALLOCATION (IN INR)					
					BASIC PRICE	ED (As per tender)	CST (As per tender)	VAT (As per tender)	FREIGHT	TOTAL PRICE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)=(6)-(10)
BREAK-UP OF MAIN SUPPLY PRICE, SL NO 1.0 OF SCH-2										
1.0	EOT CRANE 1									
1.1	Total price for one no. 80/ 25 T capacity, double girder EOT crane for 23.3 m span, complete with accessories, isolating switch, power cable from isolating switch to DSL, along with additional LT hydraulic rail clamps/ parking brakes.	75.0%		1	NO					
1.2	Total price for main hook with 27.5 m lift and auxilliary hook with 32.615 m lift, complete with all accessories.	4.0%		1	SET					
1.3	Total price for 93 m bay length PVC shrouded bus bar type DSL, complete with all accessories.	3.0%		1	SET					
1.4	Total price for 93 m bay length gantry rail, complete with accessories.	12.0%		1	SET					
1.5	Total price for 23.3 m span, 93 m bay length temporary cable, complete with all accessories.	1.0%		1	SET					
1.6	Total price for hydraulically operated storm brake, complete with all accessories.	2.0%		1	NO					
1.7	Total price for erection & commissioning spares. (Bidder shall submit item-wise break-up in techno-commercial offer as well as in price offer)	1.5%		1	LOT					
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)	1.5%		1	LOT					
TOTAL (EOT CRANE -Supply)		100.0%								

NOTE

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 (100%) into various supply components is frozen as per above SCH-3. However, bidder has to furnish detail break-up of price of individual item as per above prescribed format.

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

Design, Engineering, Manufacturing, Assembly, Inspection and Testing, Painting, Supply/ Delivery duly Packed at project site including Freight and complete Erection & Commissioning, O&M, etc. of 1 Nos. 80/25 T Capacity, Double Girder EOT Crane for 1x250 MW NSPCL, PP-II Expansion, Rourkela, Odisha.

TENDER NO - PSER:SCT:RKL-M1774:16

SCH-4 - ERECTION & COMMISSIONING SPERES PRICE BREAK-UP

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	ALLOCATION OF TOTAL PRICE (IN PERCENT)	ALLOCATION OF TOTAL PRICE (IN INR)	QUANTITY	QUOTED COMPONENT OF ALLOCATION (IN INR)					
					BASIC PRICE	ED (As per tender)	CST (As per tender)	VAT (As per tender)	FREIGHT	TOTAL PRICE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)=(6)-(10)
BREAK-UP OF ERECTION & COMMISSIONING SPARE SUPPLY PRICE, SL NO 1.7 OF SCH-3										
1.0										
2.0										
3.0										
TOTAL (ERECTION & COMMISSIONING SPARES)		100%								
NOTE										
1.0	Bidder may attach separate sheet to furnish detailed item-wise break-up of erection & commissioning spare cporresponding to allocation in SCH-3.									

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

Design, Engineering, Manufacturing, Assembly, Inspection and Testing, Painting, Supply/ Delivery duly Packed at project site including Freight and complete Erection & Commissioning, O&M, etc. of 1 Nos. 80/25 T Capacity, Double Girder EOT Crane for 1x250 MW NSPCL, PP-II Expansion, Rourkela, Odisha.

TENDER NO - PSER:SCT:RKL-M1774:16

SCH-5 - MAINTENANCE TOOLS & TACKLES SUPPLY PRICE BREAK-UP

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	ALLOCATION OF TOTAL PRICE (IN PERCENT)	ALLOCATION OF TOTAL PRICE (IN INR)	QUANTITY	QUOTED COMPONENT OF ALLOCATION (IN INR)					
					BASIC PRICE	ED (As per tender)	CST (As per tender)	VAT (As per tender)	FREIGHT	TOTAL PRICE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)=(6)-(10)
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)		100%								
NOTE										
1.0	Bidder may attach separate sheet to furnish detailed ite-wise break-up of maintenance tools & tackles cporresponding to allocation in SCH-3.									

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

Design, Engineering, Manufacturing, Assembly, Inspection and Testing, Painting, Supply/ Delivery duly Packed at project site including Freight and complete Erection & Commissioning, O&M, etc. of 1 Nos. 80/25 T Capacity, Double Girder EOT Crane for 1x250 MW NSPCL, PP-II Expansion, Rourkela, Odisha.

TENDER NO - PSER:SCT:RKL-M1774:16

SCH-6 - MANDATORY SPARES SUPPLY PRICE BREAK-UP

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	QUANTITY	QUOTED PRICE (IN INR)					
			BASIC PRICE	ED (As per tender)	CST (As per tender)	VAT (As per tender)	FREIGHT	TOTAL PRICE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(4)-(8)
BREAK-UP OF MANDATORY SPARES SUPPLY PRICE, SL NO 2.0 OF SCH-2								
A MECHANICAL								
1	L.T. wheel assembly (Driving)	1 No.						
2	L.T. wheel assembly (Driven)	1 No.						
3	C.T. wheel assembly (Driving)	1 No.						
4	C.T. wheel assembly (Driven)	1 No.						
5	First reduction pinion shaft with bearing assly. for all drives.	1 No. each						
6	Brake drum for all drives	1 No. each						
7	Brake lining with rivets for all brakes	6 pairs each						
8	Rope sheaves with bearing assembly	1 no. of each size						
B ELECTRICAL								
1	Motors	1 no. of each rating.						
a.	Carbon Brushes	Each drive						
b.	Brush holder assembly for each drive	Each drive						
c.	Slip ring assembly	Each drive						
2	Controls							
	Power contactors	1 no. of each rating.						
a.	Fixed and moving contacts for contactors of each type	Minimum 1 set for each type						
b.	Fixed and moving contacts for stator power contactor of each drive	Minimum 1 set for each type						
c.	Contact set for auxiliary Contactors	Minimum 1 set for each type						
d.	Coils for stator contactors	Min. 2 nos. for each type						
e.	Coils for rotor contactors	Min. 1 no. for each type						
f.	Coils for aux. contactors	Min. 1 no. for each type						
g.	Over load relay	Min. 1 no. for each type						
h.	Timers	Min. 1 no. for each type						
i.	Aux. Contactors	Min. 1 no. for each type						
3	Master controller Moving contacts & fixed contacts	Min. 1 no. for each type						
4	Limit switches Fixed & moving Contacts	Min. 1 no. for each type						
5	Fuses							
a.	Power circuit fuses	Min.1no. of each rating						
b.	Power circuit base	Min.1 no. of each type						
c.	Control fuse base	Min. 5 nos. of each type						
6	Indicating lamp with holder	Min. 2 nos. of each type						
7	Push buttons: Contact element set for push buttons	Min. 1 set of each type						
8	IGBT module of each type	Min. 2 nos.						
9	Semiconductor fuses	Min. 1 no. for each type						
10	Resistors: Punched stainless steel	Min. 1 no. grid for each current rating						
11	D.C. contactor magnet panel	Min. 1 no. for each type						
12	Bridge rectifier for magnet	Min. 1No. for each type						
13	Coils / thruster unit for brakes of each type	Min. 1No. for each type						
14	EOT crane for Turbine Hall							
a.	Solenoid coils for Brakes	2 Sets						
b.	MCBs / MCCBS / Fuse links for whole crane	1 set						
c.	Contractors and overload Relays	1 set of each type, size & rating						
d.	Motors of the EOT	1 set of each type, size & rating						
e.	Timers of each type, size & rating	1 set						
f.	Limit Switches for							
i.	Main Hoist	1 set						
ii.	Aux. Hoist	1 set						
iii.	Cross Travel	1 set						
iv.	Long Travel	1 set						
g.	Carbon brushes & brush holders	1 set						
h.	Master Controller for Aux. Hoist	1 set						
i.	Resistance Box	1 no. each type						
j.	Drive for MH, AH, CT & LT	1 no. each type & rating						

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	QUANTITY	QUOTED PRICE (IN INR)					
			BASIC PRICE	ED (As per tender)	CST (As per tender)	VAT (As per tender)	FREIGHT	TOTAL PRICE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(4)-(8)
TOTAL (MANDATORY SPARES)								
NOTE								
1.0	While break-up of mandatory spares supply (6%) w.r.t. total price is frozen in SCH-2. Further break-up of mandatory spare supply price (100%) into various components is to be furnished by bidder as per above prescribed format.							
2.0	It is not the intent to specify completely herein, all the details of spares required for good maintenance of the equipment. However, all the spares required for three years normal operation of the equipment/ systems shall be supplied (whether indicated in the specifications or not) and the spares shall conform in all respects to high standards of engineering, design & workmanship and be capable of performing in continuous commercial operation.							
3.0	The list of spares indicated are for the type equipment generally used in thermal power plants. If the design or type of equipment proposed by the bidder is different, then the bidder shall suit the spares list according to the type of equipment. However, the numbers or quantity of spares, indicated shall not be reduced.							
4.0	All essential spares shall be supplied as per the requirement of the specifications. In case any spare indicated in the specification is not applicable for particular equipment then suitable applicable alternate spare have been offered/ shall be supplied without any financial implication.							
5.0	Any change or variation in equipment or systems during detailed engineering stage which would cause changes/ variations in the essential spares quantity, shall be supplied by successful bidder without any commercial implications.							
6.0	For quantities indicated in percentage, fractions are to be rounded-off to next higher integer.							
7.0	Any item which is 'not applicable' in the above list and is found to be 'applicable' at a later date shall be supplied by the successful bidder without any extra cost.							

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

Design, Engineering, Manufacturing, Assembly, Inspection and Testing, Painting, Supply/ Delivery duly Packed at project site including Freight and complete Erection & Commissioning, O&M, etc. of 1 Nos. 80/25 T Capacity, Double Girder EOT Crane for 1x250 MW NSPCL, PP-II Expansion, Rourkela, Odisha.

TENDER NO - PSER:SCT:RKL-M1774:16

SCH-7 - MAIN SERVICE PRICE BREAK-UP

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	ALLOCATION OF TOTAL PRICE (IN PERCENT)
(1)	(2)	(3)
BREAK-UP OF MAIN SERVICE PRICE, SL NO 3.0 OF SCH-2		
1.0	EOT CRANE 1	
1.1	Total price for 1 no. 80/ 25 T capacity, double girder EOT crane for 23.3 m span, complete with accessories, isolating switch, power cable from isolating switch to DSL, along with additional LT hydraulic rail clamps/ parking brakes.	75%
1.2	Total price for main hook with 27.5 m lift and auxilliary hook with 32.615 m lift, complete with all accessories.	4%
1.3	Total price for 93 m bay length PVC shrouded bus bar type DSL, complete with all accessories.	3%
1.4	Total price for 93 m bay length gantry rail, complete with accessories.	15%
1.5	Total price for 23.3 m span, 93 m bay length temporary cable, complete with all accessories.	1%
1.6	Total price for hydraulically operated storm brake, complete with all accessories.	2%
TOTAL (EOT CRANE - Service)		100%
NOTE		
1.0	While break-up of main service price (18%) w.r.t. total price is frozen in SCH-2. Further break-up of main service price (100%) into various supply components is frozen as per above SCH-7. For this, bidder will not be required to furnish any further break-up.	

VOLUME-III PRICE SCHEDULE, REV-01					
Design, Engineering, Manufacturing, Assembly, Inspection and Testing, Painting, Supply/ Delivery duly Packed at project site including Freight and complete Erection & Commissioning, O&M, etc. of 1 Nos. 80/25 T Capacity, Double Girder EOT Crane for 1x250 MW NSPCL, PP-II Expansion, Rourkela, Odisha.					
TENDER NO - PSER:SCT:RKL-M1774:16					
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.)
O&M PRICE BREAK-UP OF 4.0 OF SCH-2.					
1.0	Lumpsum price for operation & maintenance of EOT crane as per tender and as per direction of BHEL.	24	CRANE-MONTH	6%	
NOTE					
1.0	Bidder shall quote rate per month and amount in this schedule. Total amount shall correspond to sl no 4.0 of SCH-2.				

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

Design, Engineering, Manufacturing, Assembly, Inspection and Testing, Painting, Supply/ Delivery duly Packed at project site including Freight and complete Erection & Commissioning, O&M, etc. of 1 Nos. 80/25 T Capacity, Double Girder EOT Crane for 1x250 MW NSPCL, PP-II Expansion, Rourkela, Odisha.

TENDER NO - PSER:SCT:RKL-M1774:16

SCH-9 - IMPORT CONTENT

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)	
1.1.1	In Euro.	
1.1.2	In INR (Corresponding to 1.1.1).	
1.2.1	In US \$.	
1.2.2	In INR (Corresponding to 1.2.1).	
1.3	Total in INR (1.1.2 + 1.2.2).	
NOTE		
1.0	Bidder's quoted price/ allocations in various schedules shall be inclusive of above total price for import component at sl no 1.3 above.	
2.0	Bidder shall furnish item-wise break-up of imported items.	

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

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**DEVIATION SHEET (COST OF WITHDRAWAL)
TENDER NO PSER:SCT:RKL-M1774:16**

NAME OF VENDOR:-

SL NO	VOULME/ SECTION	PAGE NO.	CLAUSE NO.	EXISTING PROVISION AS PER SPECIFICATION/ TENDER DOCUMENT	COMPLETE DESCRIPTION OF DEVIATION	COST OF WITHDRAWAL OF DEVIATION (IN RUPEES)	REFERENCE OF PRICE SCHEDULE ON WHICH COST OF WITHDRAWL OF DEVIATION IS APPLICABLE	NATURE OF COST OF WITHDRAWAL OF DEVIATION (POSITIVE/ NEGATIVE)	REASON FOR QUOTING DEVIATION
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TECHNICAL DEVIATIONS

COMMERCIAL DEVIATIONS

PARTICULARS OF BIDDERS/ AUTHORISED REPRESENTATIVE

NAME	DESIGNATIONS	SIGN & DATE
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NOTES:

1. For self manufactured items of bidder, cost of withdrawl of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only.
2. For directly dispatchable items (bought out items), cost of withdrawal of deviation will be applicable on the basic price including taxes, duties & freight.
3. All the bidders have to list out all their Technical & Commercial Deviations (if any) in detail in the above format.
4. Any deviation not mentioned above and shown separately or found hidden in offer, will not be taken cognizance of. Withdrawal of such deviations shall be without any cost implication.
5. Bidder shall submit duly filled unpriced copy of above format indicating "quoted" in "cost of withdrawl of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable.
6. Bidder shall furnish price copy of above format along with PRICE BID.
7. The final decision of acceptance/ rejection of the deviations quoted by the bidder shall be at discretion of BHEL.
8. Bidders to note that any deviation (technical/commercial) not listed in above and asked after Part-I opening shall not be considered. Withdrawal of such deviations shall be without any cost implication.
9. For deviations w.r.t. Payment terms, Liquidated damages, Firm prices and submission of E1/ E2 forms before claiming 10% payment, if a bidder chooses not to give any cost of withdrawal of deviation BHEL reserves the right to reject the bid or load the price for evaluation as per their discretion, should the deviations are accepted by BHEL. For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawal of deviation shall be taken as NIL.
10. Any deviation mentioned in priced copy of this format, but not mentioned in the un-priced copy, shall not be accepted.
11. All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of this format.
12. Cost of withdrawl is to be given seperately for each deviation. In no event bidder should club cost of withdrawl of more than one deviation else cost of withdrawl of such deviations which have been clubbed together shall be considered as NIL.
13. In case nature of cost of withdrawl (positive/negative) is not specified it shall be assumed as positive.
14. In case of discrepancy in the nature of impact (positive/ negative), positive will be considered for evaluation and negative for ordering.
15. Amount quoted against each deviation shall be complete by itself.
16. BHEL RESERVES THE RIGHT TO ACCEPT THE DEVIATION WITH COST OR REJECT THE OFFER IF THE DEVIATIONS ARE NOT ACCEPTABLE.
17. Bidder to give total implication in percentage of their quoted price in a sealed envelope along with their price bid and unpriced one indicating "Quoted" along with their technical bid. In case of cost of withdrawal is applicable, both original and cost of withdrawal shall be opened.

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

Sub	No Deviation Certificate.	
Job	Design, Engineering, Manufacturing, Assembly, Inspection and Testing, Painting, Supply/ Delivery duly Packed at project site including Freight and complete Erection & Commissioning, O&M, etc. of 1 Nos. 80/25 T Capacity, Double Girder EOT Crane for 1x250 MW NSPCL, PP-II Expansion, Rourkela, Odisha.	
Ref	1.0	Tender no PSER:SCT: RKL-M1774:16
	2.0	BHEL's NIT, vide reference no PSER:SCT: RKL-M1774:5259 , Dated 06-10-2016.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:RKL-M1774:TCN-01, Dated 18-10-2016.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:RKL-M1774:TCN-02, Dated 21-10-2016.
	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/uploaded offer/documents in accordance with tender instructions with acceptance of the terms & conditions of the tender by us 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, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 2339-8000/ 2339-8236