



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 03

Ref: PSER:SCT:RMM-C1750:TCN-03

Date: 06-07-2016

Sub	Tender Change Notice (TCN) - 03.	
Job	Design, supply/delivery including transportation, unloading, storage at site, erection, assembly including required civil works and handing over to BHEL of removable/re-erectable type pre-engineered, pre-fabricated steel closed storage shed with supply, fitting & fixing of a single girder 5T capacity EOT crane and design, manufacturing, supply, receipt at site, construction and finishing works if any, etc. and handing over to site removable/re-erectable type pre-engineered, pre-fabricated office building with associated civil works including foundations, modular furniture etc, leveling /grading of the land, road & drain works, security kiosk, fencing & yard lighting of the entire storage yard for 3x40 MW Rammam Stage III Hydroelectric Project, Darjeeling.	
Ref	1.0	Tender no PSER:SCT:RMM-C1750:16.
	2.0	BHEL's NIT, vide reference no PSER:SCT:RMM-C1750:5078, Dated 16-06-2016.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:RMM-C1750:TCN-01, Dated: 27-06-2016.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:RMM-C1750:TCN-02, Dated: 30-06-2016.
	5.0	Other References, if any.

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

- 1) Clarification is attached vide **Annexure-A** to TCN-03.
- 2) 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. Bidders are 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**).
Any other document uploaded in the price section other than Price schedule issued along with Tender/TCN shall not be taken into cognizance.
(For uploading Revised/ Latest price schedule format in E-procurement Portal, contact Mjunction.)
- 3) Extension of due date of submission of offer from 07-07-2016 to **15-07-2016 (15-00 hrs)**. Bidders are requested to submit their offer by extended due date positively.
- 4) Revised 'No deviation certificate' is attached. Bidder to submit 'No deviation certificate' as per attached format only.
- 5) All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

Engineer (SCT)

Encl: As above.

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

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

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : (033) 23398234/ 23398000

ANNEXURE-A TO TCN-03

JOB: Design, supply/delivery including transportation, unloading, storage at site, erection, assembly including required civil works and handing over to BHEL of removable/ re-erectable type pre- engineered, pre-fabricated steel closed storage shed with supply, fitting & fixing of a single girder 5T capacity EOT crane and design, manufacturing, supply, receipt at site, construction and finishing works if any, etc. and handing over to site removable/re-erectable type pre-engineered, pre-fabricated office building with associated civil works including foundations, modular furniture etc, leveling /grading of the land, road & drain works, security kiosk, fencing & yard lighting of the entire storage yard for 3x40 MW Rammam Stage III Hydroelectric Project, Darjeeling.

TENDER NO : PSER:SCT:RMM-C1750:16

CLARIFICATION/ MODIFICATION

SL NO	REFERENCE CLAUSE OF TENDER DOCUMENT	EXISTING PROVISION	BIDDER'S QUERY	BHEL'S CLARIFICATION
1.0	Clause no. (d) of 1. MAIN STRUCTURE & WALLS under clause no. 4.0 STRUCTURAL STEEL WORK of Technical Specification of Storage Shed of VOLUME-IF-TS-CLOSED STORAGE SHED & OFFICE	Liner panel/ Partition- Supply of color coated panels are roll formed from nominal 0.45 mm base metal thickness of minimum yield strength of 550 MPa, coated with an aluminum /zinc alloy (i.e.Zincalume or equivalent), AZ150 (min 150gm/m2 total on both side), conforms to Australian standard AS1397, pre-painted steel quality paint coat as per AS/NZS 2728 Class 3. The paint finish thickness shall have a total coating thickness of nominal 35 µm, comprising of nominal 20 µm on exterior face and nominal 5 µm reverse coat on interior face over nominal 5 µm epoxy primer coat on both surfaces of approved colour shade or equivalent by concern authority. The steel manufacturer's test certificate for the chemical and mechanical properties of steel must be submitted for approval by the concerned authority prior to installation. The sheet shall have brand marking of the manufacturer giving product details on the back of the sheet at every 1 meter c/c for confirming genuinity of the material. Profile dimensions: Profile sheeting shall have 1110 mm effective cover width profile with nominal 3.5 mm deep ribs at pitch of nominal 48 mm centre to centre distance	Please let us know where this item is being used as they are nowhere mentioned in Drawings.	The above line panel shall be used for construction of any partition inside the store other than Air Conditioned room if required.
SL NO	REFERENCE CLAUSE OF TENDER DOCUMENT	EXISTING PROVISION	MODIFIED PROVISION	
2.0	Sl. No. 4.4.0 of Specification cum Compliance Certificate for Single Girder EOT Crane Capacity: 5 Ton of Technical Specification of Storage Shed of VOLUME-IF-TS-CLOSED STORAGE SHED & OFFICE	As per scope sl. no. 4.4.0 of 5 T capacity single girder crane girder - Span (it may be vary as per design drawing of vendor)	Span (Minor changes acceptable to BHEL shall be finalised during detailed engineering)	
3.0	Sl. No. 4.5.0 of Specification cum Compliance Certificate for Single Girder EOT Crane Capacity: 5 Ton of Technical Specification of Storage Shed of VOLUME-IF-TS-CLOSED STORAGE SHED & OFFICE	As per scope sl. no. 4.5.0 of 5 T capacity single girder crane girder - Height of Lift: (it may be vary as per design drawing of vendor) - 4m	Height of Lift: (Minor changes acceptable to BHEL shall be finalised during detailed engineering) - 5m [Height of Lift has been revised from existing 4m to 5m from FFL of the Store.]	
4.0	Sl. No. 4.10.0 of Specification cum Compliance Certificate for Single Girder EOT Crane Capacity: 5 Ton of Technical Specification of Storage Shed of VOLUME-IF-TS-CLOSED STORAGE SHED & OFFICE	As per scope sl. no. 4.10.0 of 5 T capacity single girder crane girder - Hoist: Hoist should be as per IS: 3938 (latest version) of STAHL, DEMAG, INDEF make. Only Low Head Room Hoist shall be acceptable.	Hoist: Hoist should be as per IS: 3938 (latest version) of STAHL, DEMAG, INDEF, Toubro or equivalent make. Only Low Head Room Hoist shall be acceptable.	
5.0	Sl. No. 15.1.4 of Specification cum Compliance Certificate for Single Girder EOT Crane Capacity: 5 Ton of Technical Specification of Storage Shed of VOLUME-IF-TS-CLOSED STORAGE SHED & OFFICE	As per scope sl. no. 15.1.4 of 5 T capacity single girder crane girder - DCEM Brake Unit: BCH / EPC	DCEM Brake Unit: BCH / EPC/ Toubro or equivalent make	
6.0	Item SL. NO. 15 (a), (b), (c) & (d) of PRICE SCHEDULE, VOLUME-III, REV-00	Unit of item sl. no. 15 (a), (b), (c) & (d) are shown in "MT".	Unit of these items has been revised as "Mtrs". Revised Price Schedule format, Volume-III, Rev-01 is attached.	

NOTE: Bidder to note that EOT crane to be despatched against specific despatch clearance issued by BHEL.

VOLUME-III
PRICE SCHEDULE, REV-01

JOB: DESIGN, SUPPLY/DELIVERY INCLUDING TRANSPORTATION, UNLOADING, STORAGE AT SITE, ERECTION, ASSEMBLY INCLUDING REQUIRED CIVIL WORKS AND HANDING OVER TO BHEL OF REMOVABLE/ RE-ERECTABLE TYPE PRE-ENGINEERED, PRE-FABRICATED STEEL CLOSED STORAGE SHED WITH SUPPLY, FITTING & FIXING OF A SINGLE GIRDER 5T CAPACITY EOT CRANE AND DESIGN, MANUFACTURING, SUPPLY, RECEIPT AT SITE, CONSTRUCTION AND FINISHING WORKS IF ANY, ETC. AND HANDING OVER TO SITE REMOVABLE/ RE-ERECTABLE TYPE PRE-ENGINEERED, PRE-FABRICATED OFFICE BUILDING WITH ASSOCIATED CIVIL WORKS INCLUDING FOUNDATIONS, MODULAR FURNITURE ETC, LEVELING /GRADING OF THE LAND, ROAD & DRAIN WORKS, SECURITY KIOSK, FENCING & YARD LIGHTING OF THE ENTIRE STORAGE YARD FOR 4X30 MW RAMMAM STAGE III HYDROELECTRIC PROJECT, DARJEELING.

TENDER NO - PSER:SCT:RMM-C1750:16

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 Volume-1A, IB, 1C, 1D, 1E, 1F, II and other tender sections (as applicable as per NIT) and shall have precedence over any contrary statement mentioned any where in this document. The tenderer shall sign & stamp all the pages of the tender document as a token of their acceptance. Submission of unfilled formats with sign & stamp shall be construed as acceptance of the contents of the same.
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 guidance/tender purposes giving some idea of the work involved. The work is to be executed as per terms & conditions of the tender and actual 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 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 service 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. The rates of unit rate/optional items shall remain valid till execution of the order, if the job/work is awarded to the bidder.
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 tenderer 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 before submission of his bid/offer. No claim whatsoever due to lack of knowledge of site conditions shall be entertained after award of the work.
13	No splitting of the job is envisaged unless the same is specifically indicated in the TCC/Vol-IF. 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. The same modality shall be applicable for other item rate service contracts where item with same description is repeated in different schedules.
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. PVC/escalation is not payable for these Non-scheduled items.

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

JOB: DESIGN, SUPPLY/DELIVERY INCLUDING TRANSPORTATION, UNLOADING, STORAGE AT SITE, ERECTION, ASSEMBLY INCLUDING REQUIRED CIVIL WORKS AND HANDING OVER TO BHEL OF REMOVABLE/ RE-ERECTABLE TYPE PRE-ENGINEERED, PRE-FABRICATED STEEL CLOSED STORAGE SHED WITH SUPPLY, FITTING & FIXING OF A SINGLE GIRDER 5T CAPACITY EOT CRANE AND DESIGN, MANUFACTURING, SUPPLY, RECEIPT AT SITE, CONSTRUCTION AND FINISHING WORKS IF ANY, ETC. AND HANDING OVER TO SITE REMOVABLE/ RE-ERECTABLE TYPE PRE-ENGINEERED, PRE-FABRICATED OFFICE BUILDING WITH ASSOCIATED CIVIL WORKS INCLUDING FOUNDATIONS, MODULAR FURNITURE ETC, LEVELING /GRADING OF THE LAND, ROAD & DRAIN WORKS, SECURITY KIOSK, FENCING & YARD LIGHTING OF THE ENTIRE STORAGE YARD FOR 4X30 MW RAMMAM STAGE III HYDROELECTRIC PROJECT, DARJEELING.

TENDER NO - PSER:SCT:RMM-C1750:16

SL. NO.	PREAMBLE
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. No idling charge whatsoever (either for labour or any other resources) is payable by BHEL for any reason whatsoever.
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 GRAND Total price shall 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.

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

JOB: DESIGN, SUPPLY/DELIVERY INCLUDING TRANSPORTATION, UNLOADING, STORAGE AT SITE, ERECTION, ASSEMBLY INCLUDING REQUIRED CIVIL WORKS AND HANDING OVER TO BHEL OF REMOVABLE/ RE-ERECTABLE TYPE PRE-ENGINEERED, PRE-FABRICATED STEEL CLOSED STORAGE SHED WITH SUPPLY, FITTING & FIXING OF A SINGLE GIRDER 5T CAPACITY EOT CRANE AND DESIGN, MANUFACTURING, SUPPLY, RECEIPT AT SITE, CONSTRUCTION AND FINISHING WORKS IF ANY, ETC. AND HANDING OVER TO SITE REMOVABLE/ RE-ERECTABLE TYPE PRE-ENGINEERED, PRE-FABRICATED OFFICE BUILDING WITH ASSOCIATED CIVIL WORKS INCLUDING FOUNDATIONS, MODULAR FURNITURE ETC, LEVELING /GRADING OF THE LAND, ROAD & DRAIN WORKS, SECURITY KIOSK, FENCING & YARD LIGHTING OF THE ENTIRE STORAGE YARD FOR 4X30 MW RAMMAM STAGE III HYDROELECTRIC PROJECT, DARJEELING.

TENDER NO - PSER:SCT:RMM-C1750:16

SL. NO.	DESCRIPTION OF ITEM	UNIT	QTY	RATE (Rs)	AMOUNT (RS)
1	LUMPSUM PRICE FOR DESIGN, SUPPLY/DELIVERY INCLUDING TRANSPORTATION, UNLOADING, STORAGE AT SITE, ERECTION, ASSEMBLY INCLUDING REQUIRED CIVIL WORKS AND HANDING OVER TO BHEL INCLUSIVE OF ALL PREVAILING TAXES, DUTIES AND OTHER LEVIES ETC. OF REMOVABLE/ RE-ERECTABLE TYPE PRE-ENGINEERED, PRE-FABRICATED STEEL CLOSED STORAGE SHED (120M X 15M) WITH SUPPLY, FITTING & FIXING OF SINGLE GIRDER 5T CAPACITY EOT CRANE, 15 KVA DG SET WITH ALL THE NECESSARY ELECTRICAL FITTINGS, ASSOCIATED CIVIL WORKS FOR 4X30 MW RAMMAM STAGE III, DARJEELING, AS PER TENDER SPECIFICATION COMPLETE IN ALL RESPECT.	NO	1		
2	LUMPSUM PRICE FOR DESIGN, MANUFACTURING, SUPPLY, RECEIPT AT SITE, CONSTRUCTION AND FINISHING WORKS IF ANY, ETC. AND HANDING OVER TO SITE REMOVABLE/ RE-ERECTABLE TYPE PRE-ENGINEERED, PRE-FABRICATED OFFICE BUILDING (22M X 10M) WITH ASSOCIATED CIVIL WORKS INCLUDING FOUNDATIONS, SEPTIC TANK, SOAK PIT, WATER TANK, MODULAR FURNITURE, SUPPLY AND INSTALLATION OF 15 KVA DG SET, CONSTRUCTION OF GARAGE SHED ETC. INCLUSIVE OF ALL PREVAILING TAXES, DUTIES AND OTHER LEVIES ETC. FOR 4X30 MW RAMMAM STAGE III, DARJEELING, AS PER TENDER SPECIFICATION COMPLETE IN ALL RESPECT.	NO	1		
FENCING, ROADS & HARD SURFACING					
3	1.8 m high fencing with 2.4 m angle iron 75 x 75 x 8 mm posts (excluding cost of angle iron posts to be paid elsewhere) placed every 3 m centre to centre embedded in cement concrete block, every 15th post last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with 10 horizontal lines and two diagonals inter woven with horizontalwires of barbed wire 9.38 Kg per 100 m (min) between the two posts and fixed with GI stapies, turn buckles etc. complete. including providing and laying earth work and concrete (1:3:6)				
a)	With G.I. Barbed wire (Payment to be made for per metre of complete fencing)	RMT	550		
4	Supply fabrication and erection of structural steel beams, channels, plates, steel tubular trusses, purlines, gates, wind ties, base plates, gusset plates, bolts, nuts etc. complete as per drawings, specifications & instructions of engineer including cost of all materials leads, lifts labour charges etc. and one coat of primer and two coats of approved enamel paint for finished products at site complete as per technical specification and direction of engineer. Payment terms - a) On receipt of materials at site - 70%; b) On completion of erection & fixing - 30%.				
a)	Structural steel for columns, crane girders,etc (including Rack)	MT	7		
5	Providing & fixing MS gate with 16 mm round/ square MS bars as per drawing in complete including construction of RCC pillar post / structural pillar post with proper base anchoring with concrete & painting of post & gate with epoxy paint in complete for fixing of gate .Payment terms - a) On receipt of materials at site - 70%; b) On completion of erection & fixing - 30%.	MT	1.5		
6	Providing and fixing security kiosk size approx 1.5Mx1.5M in plan, front height 3M and back side height 2.9M, made of structural angle frame 65x65x6 all verticals and two horizontals with diagonals, 3 vertical sides and roof shall be covered with CGI sheet 0.5 MM thick with one each side opening 300x300MM for viewing, floor shall be made with 40 MM thick wooden planks (second class treated wood) at an height of 400MM above ground level, one wooden planks 2.0mx450mm size to be provided for sitting arrangement inside kiosk, all angles and planks top side shall be painted with one coat of primer and two coats of synthetic enamel paint finish including all labours and materials etc complete.	NOS	2		
7	Preparation of sub grade by excavating earth to required depth for all types of soil/ rock, dressing to camber and consolidating the base including making good the undulation etc and disposal of surplus earth within a lead upto 1 km etc. all complete.	CUM	2,400		
8	Providing &Laying water bound macadam sub base course in layers of required thickness with crushed stone aggregates 90 to 40 mm down size , stone screening and blinding material including screening sorting, spreading to template and consolidation with road roller including carriage, spreading and consolidation of blinding material moorum etc. including cost of material labour all complete.	CUM	1,150		
9	Providing & laying water bound macadam base course in layers of required thickness with stone aggregate 63mm to 45mm size, stone screening and blinding material including screening sorting, spreading to template and consolidation with road roller including carriage, spreading and consolidation of blinding material moorum etc all complete.	CUM	920		
10	Providing & Laying water bound macadam base course with stone aggregate 53mm to 22.4mm size stone screening & binding material including screening, sorting, spreading to template & consolidation with road roller including carriage spreading & consolidation of blinding material moorum etc all complete	CUM	920		
MISC					
11	Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 200 m outside the periphery of the' area cleared.	M2	12600		
12	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m in all kinds of soil.	M2	12600		
13	Supply & Laying of earthing mats/rods including risers, transportation from yard stores, loading, unloading, cutting to length, welding, protective painting of joints etc. all complete. (Excavation & Back filling shall be paid separately under respective item of earth work. Earthing mats/rods shall be supplied by BHEL free of cost)	MT	0.5		

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

JOB: DESIGN, SUPPLY/DELIVERY INCLUDING TRANSPORTATION, UNLOADING, STORAGE AT SITE, ERECTION, ASSEMBLY INCLUDING REQUIRED CIVIL WORKS AND HANDING OVER TO BHEL OF REMOVABLE/ RE-ERECTABLE TYPE PRE-ENGINEERED, PRE-FABRICATED STEEL CLOSED STORAGE SHED WITH SUPPLY, FITTING & FIXING OF A SINGLE GIRDER 5T CAPACITY EOT CRANE AND DESIGN, MANUFACTURING, SUPPLY, RECEIPT AT SITE, CONSTRUCTION AND FINISHING WORKS IF ANY, ETC. AND HANDING OVER TO SITE REMOVABLE/ RE-ERECTABLE TYPE PRE-ENGINEERED, PRE-FABRICATED OFFICE BUILDING WITH ASSOCIATED CIVIL WORKS INCLUDING FOUNDATIONS, MODULAR FURNITURE ETC, LEVELING /GRADING OF THE LAND, ROAD & DRAIN WORKS, SECURITY KIOSK, FENCING & YARD LIGHTING OF THE ENTIRE STORAGE YARD FOR 4X30 MW RAMMAM STAGE III HYDROELECTRIC PROJECT, DARJEELING.

TENDER NO - PSER:SCT:RMM-C1750:16

SL. NO.	DESCRIPTION OF ITEM	UNIT	QTY	RATE (Rs)	AMOUNT (RS)
14	Providing Earthing pit as per drawing with charcoal & salt, GI pipes, GI earth electrodes, GI wire, GI strips, brick chamber with covers including associated earthwork etc. all complete.	NO	4		
15	Labour for boring through any type of soil,rock & boulders for sinking tubewell of required dia. With top enlargement by rig boring system (either by DTH method or by rotary method or by combination Rig as required) including hire charges and labour for Rig Machine tools and plants, staging force pumping set, and making arrangement for water required for boring etc. complete and lowering of casing pipes , strainers blind pipes etc. complete for 150 mm dia upto 50 mtrs, and 100 mm dia. from 50m to 250mtrs & beyond from GL. Depth of boring to be decided at the time of execution.				
a)	for 150 mm dia bore hole for depth range 0 - 50 Mtrs from GL..	Mtrs	50		
b)	for 100 mm dia bore hole for depth range 51- 100 Mtrs from GL..	Mtrs	50		
c)	for 100 mm dia for bore hole depth range 101-150 Mtrs from GL..	Mtrs	50		
d)	for 100 mm dia bore hole for depth range 151 & above from GL..	Mtrs	150		
16	Supplying, fitting, fixing 'ORIPLAST' make or equivalent PVC casing pipes as per IS 12818-1992/ASTM -D - 1785 and the following details :(Dia & length of pipe to be decided at site during execution):-				
a)	150 Nb having wall thickness of 11mm (Min)	Mtrs	60		
b)	100 Nb having wall thickness of 8.6mm (Min)	Mtrs	300		
17	Supplying, fitting, fixing of 'ORIPLAST' make or equivalent PVC ribbed screen (strainer) as per IS 12818-1992. 100(Hundred) NB (wall thickness 5.0 mm(Min))	Mtrs	30		
18	Supplying fitting & fixing reducing socket 100mm x 150 mm	No.	1		
19	Providing & fixing bottom plug as required upto 100 mm (internal) dia fixed with PVC pipes with necessary fittings.	No.	1		
20	Supplying fitting & fixing 150mm Dia MS Housing Clamp.	Set	1		
21	Providing 150 mm Centre Guide for positioning casing pipes.	Set	8		
22	Packing the annular space in the blank bore hole at the bottom, between the outside of the tubewell pipe strainers, casing pipes, and the borehole with pea size gravel of sizes varying between 2mm to 5 mm.	Mtrs	250		
23	Packing the annular space between the outside of the 150 mm dia casing pipe and the bore hole with puddled clay balls.	Mtrs	20		
24	Washing and developing tubewell with Air compressor of 150 PSI / 300 CFM for with necesasary arrangement for testing the yield in gallons per hour with V notch, including <u>Bacteria removal treatment as necessary till the water is silt & sand free.</u>	Nos.	1		
25	Collecting sample of water for bacteriological and chemical test from any Govt. approved laboratory. Documentary evidence from Govt. approved laboratory regarding the water quality certifying that the water coming out of the borewell is safe for Human consumption.	Nos.	1		
26	Supplying fitting & fixing MS Cap at top 150 mm dia including 150 mm dia MS pipe of 1 mtr or less to be fixed with PVC pipes above ground level.	Nos./Set	1		
27	Supply & delivery of 2 HP KSB make or equivalent submersible pump motor set having duty point capacity of discharging 2 LPS of clear water at a total head of 40 mtr. Along with 40 mm dia GI heavy duty best quality column pipes of total length 40 mtrs & lockable PVC submersible cable clamps of suitable no. and 6 mm dia steel wire rope of suitable length for protecting device with necessary galvanised nuts, bolts, washers for all & Control Panel, complete and commissioning of pump set as directed by BHEL. Payment terms - a) on receipt of pump set at site 80% alongwith TC and all purchase documents, b) on installation of pump and commissioning 20%.	NO	1		
LIGHTING (FOR STORAGE YARD)					
28	Providing and fixing 1 x 400 W HPSV out door type lighting fixture (Crompton / Philips/Bajaj, complete with lamp, ballast control gear box, fixing clamp etc.) including supply & fixing of supporting structure,GI pipe etc for fixing of light fixture on Pole/Stand. Scope also included all required wires,lugs etc for wiring from Terminal block locate at Pole/stand to light fixture.	NO	16		
29	Supply, fixing of RCC pole of minimum height 11 Mtr.	NO	6		
30	Supply, laying and Termination of Electrical cable 3.5cx16sqm AL,PVC,armoured cable with supply of required cable glands & lugs.	RM	500		
31	Supply & fixing of water proof Terminal Block with suitable for 3.5 C, 16 sqm cable.	NO	6		
32	Supply, fixing of Power distribution arrangement comprising of 1 No TPN Main switch (63 Amp), 1 No. Bus bar chamber(63Amp,3Ph, Neutral) with 6Nos. Single Pole MCB (20 Amps each)	NO	1		
GRAND TOTAL PRICE (Rs)					
33	For items not covered above, quote % above or % below or at par the CPWD schedule (DSR-2014).				
a)	Rate of complete item.			____% above/ ____% below/ ____at par DSR 2014	
b)	Rate of supply of materials at site only.			____% above/ ____% below/ ____at par DSR 2014	
c)	Rate for execution complete excluding supply of materials.			____% above/ ____% below/ ____at par DSR 2014	

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, supply/delivery including transportation, unloading, storage at site, erection, assembly including required civil works and handing over to BHEL of removable/re-erectable type pre-engineered, pre-fabricated steel closed storage shed with supply, fitting & fixing of a single girder 5T capacity EOT crane and design, manufacturing, supply, receipt at site, construction and finishing works if any, etc. and handing over to site removable/re-erectable type pre-engineered, pre-fabricated office building with associated civil works including foundations, modular furniture etc, leveling /grading of the land, road & drain works, security kiosk, fencing & yard lighting of the entire storage yard for 3x40 MW Rammam Stage III Hydroelectric Project, Darjeeling.	
Ref	1.0	Tender no PSER:SCT:RMM-C1750:16.
	2.0	BHEL's NIT, vide reference no PSER:SCT:RMM-C1750:5078, Dated 16-06-2016.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:RMM-C1750:TCN-01, Dated: 27-06-2016.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:RMM-C1750:TCN-02, Dated: 30-06-2016.
	5.0	BHEL's TCN-03, vide reference no PSER:SCT:RMM-C1750:TCN-03, Dated: 06-07-2016.
	6.0	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)

<p>पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय) POWER SECTOR EASTERN REGION, DJ-9/1, SALT LAKE CITY, KOLKATA - 700 091 फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : (033) 23398234/ 23398000</p>
