

VOLUME-III PRICE SCHEDULE, REV-00	
JOB: REPAIR & RENOVATION WORK OF EXISTING STORE AND OPEN STORAGE YARD FOR 3X660 MW NPGCL NABINAGAR FGD , BIHAR.	
TENDER NO.: PSER:SCT:NBN-M2092:20	
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, 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, an 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/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.

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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 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 quoated price against each item keeping the total quoted price unaltered.

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SCH-1 : TOTAL PRICE			
SL NO	DESCRIPTION	PRICE SCHEDULE REF	TOTAL PRICE (IN INR)
1.0	TOTAL PRICE FOR REPAIR & RENOVATION WORK OF EXISTING STORE AND OPEN STORAGE YARD FOR 3X660 MW NPGCL NABINAGAR FGD, BIHAR.	SCH 2 - PRICE BREAK UP	<div>IN FIGURES:-</div> <div>IN WORDS:-</div>
NOTE			
1.0	Bidder shall quote total price for SCH-2- Part only at SI No. 1 above. All other amounts / rates of each item of works in respective schedules / parts will be derived based on allocated weightage. As such, any uncalled figure/ amount noted at any other place / schedule of Volume-III will not be reckoned & will stand null & void.		
2.0	Bidder to note that total price at SI No. 1 above shall be considered for evaluation & awarding. As such grand total price should be complete in all respect for the full scope defined and considering all terms and conditions.		
3.0	Bidder's quoted total price of SCH-1 at SI. No 1 above, shall be apportioned into amount of various items of works based on allocated weightage against respective item, in respective schedules / parts. As such, bidder shall not indicate / quote any amount / rate in these schedules / parts and any amount / rate quoted against any item shall not be taken into cognizance / account and offer may be liable for rejection.		
4.0	Based on the itemwise weightage allocations, the amount for the individual items of the Bill of Quantity shall be arrived at. The rates of individual items shall be derived from the amount against each items and its quantity after rounding off to upto 2 decimal places. However, RA bill payment shall be done after rounding off the gross amount to two decimal points. Any adjustment, if required, due to such methodology, will be effected / adjusted in final bill.		
5.0	Bidders to note that this is an item rate contract. Payment shall be made for the actual quantities of work executed at the unit rate arrived at as per SI No. 3 above.		
6.0	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.		
7.0	Price format shall not be changed by bidder in any case and it may lead to cancellation of their offer.		
8.0	The quoted price shall be excluding GST including freight on FOR site basis.		
9.0	The quantity of items may vary during execution mainly due to actual requirement etc. The unit rates work out from the overall amount quoted & accepted by BHEL shall be considered and no separate unit rates shall be allowed. Unit rates shall be valid throughout the contract period.		

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SCH-2: PRICE BREAK UP				
SL NO.	ITEM DESCRIPTION	UNIT OF MEASUREMENT	QUANTITY	WEIGHTAGE
1	PROVIDING AND LAYING 50/75/100 MM OF PLAIN CEMENT CONCRETE OF MIX 1:4:8 USING 20 MM & DOWN SIZE AGGREGATE INCLUDING SHUTTERING, CURING, CONSOLIDATION ETC. COMPLETE AS PER STANDARD SPECIFICATIONS AND AS DIRECTED BY BHEL ENGINEER.	CUM	680	0.32316605
2	PROVIDING AND LAYING 50/75/100 MM OF PLAIN CEMENT CONCRETE OF MIX 1:2:4 USING 20 MM & DOWN SIZE AGGREGATE INCLUDING SHUTTERING, CURING, CONSOLIDATION ETC. COMPLETE AS PER STANDARD SPECIFICATIONS AND AS DIRECTED BY BHEL ENGINEER.	CUM	240	0.12578342
3	LAYING 50/75/100 MM OF PLAIN CEMENT CONCRETE ANY GRADE INCLUDING SHUTTERING, CURING, CONSOLIDATION ETC. COMPLETE AS PER STANDARD SPECIFICATIONS AND AS DIRECTED BY BHEL ENGINEER (CONCRETE WILL BE PROVIDED BY BHEL)	CUM	200	0.03321140
4	PROVIDING 150 MM COMPACTED THICK WATER BOUND MACADAM (WBM) IN TWO LAYERS OF EACH 75 MM, WITH 40MM TO 60MM METAL (STONE AGGREGATE) INCLUDING SUPPLYING AND SPREADING GRAVEL/MURRUM OVER THE SOLING/CONSOLIDATED BASE. COMPACTING THE SAME WITH POWER ROLLER INCLUDING NECESSARY LABOUR, WATERING, MATERING ETC. COMPLETE ALL, AS PER RELEVANT SPECIFICATIONS AND DIRECTIONS OF BHEL ENGINEER(RATES SHALL BE INCLUSIVE OF LABOUR, MATERIAL ETC. COMPLETE).	CUM	480	0.10534256

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SCH-2: PRICE BREAK UP				
SL NO.	ITEM DESCRIPTION	UNIT OF MEASUREMENT	QUANTITY	WEIGHTAGE
5	RECTIFICATION OF APPROACH ROAD IN EXISTING OPEN YARD BY LAYING, SPREADING AND COMPACTING STONE AGGREGATE OF 90MM TO 45MM SIZE STONE TO WBM SPECIFICATIONS IN UNIFORM THICKNESS, HAND PICKING, ROLLING WITH 3 WHEELED ROAD/VIBRATORY ROLLER 8-10 TONNE CAPACITY IN STAGES TO PROPER GRADE AND CAMBER, APPLYING AND BROOMING REQUISITE TYPE OF SCRENNING/BINDING MATERIAL. TO FILL. UP INTERSTICES OF COARSE AGGREGATE,WATERING AND COMPACTING TO THE REQUIRED DENSITY.	CUM	480	0.11770456
6	REPAIRS TO PLASTER IN PATCHES TO THE EXISTING MASONRY/CONCRETE WALL, FLOOR, CEILING ETC AFTER CUTTING/CHIPPED OFF DAMAGED PLASTER & REMOVAL INCLUDING DISPOSAL OF RUBBISH TO THE DUMPING GROUND, PLASTERING THE SURFACE (12 MM TO 20 MM THICK FOR INSIDE OR OUTSIDE AT ALL ELEVATION) OF THE WALLS COMPLETE WITH CEMENT MORTAR 1:4 (10EMENT: 4 COARSE SAND) INCLUDING ROUNDING OFF OR CHAMFERING CORNERS WITH ALL LABOUR, SCAFFOLDING, MATERIALS COMPLETE AS DIRECTED BY ENGINEER.	SQM	100	0.00248485
7	REPAIRING OF 20 GAUGE MS ROLLING SHUTTERS OF SIZE 4.6 M X 4.7 M INCLUDING ONE COAT OF SYNTHETIC ENAMEL PAINT OF APPROVED COLOUR AND QUALITY AND LOCKING ARRANGEMENT .	NOS.	5	0.00194593

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SL NO.	ITEM DESCRIPTION	UNIT OF MEASUREMENT	QUANTITY	WEIGHTAGE
8	REPLACING BROKEN GLASS PANES AND REFIXING WITH NEW 4 MM THICK GLASS,WITH PUTTY AND NAILS WHEREVER NECESSARY INCLUDING RACKING OUT THE OLD PUTTY FOR STEEL/WOODEN WINDOW/ DOORS ETC COMPLETE, WITH ALL LABOUR AND MATERIALS	SQM	20	0.00103015
9	SUPPLY AND INSTALLATION OF HEAVY DUTY ANGLE FRAME / PIGEON HOLE INDUSTRIAL RACKS WITH LOAD CAPACITY PER LAYER OF 300-500 KG HAVING 5 LAYERS AND HEIGHT OF 12-15 FEET, EACH LAYER SHOULD BE 2.5 FEET X 8 FEET.	NOS.	20	0.01596420
10	SUPPLYING AND INSTALLATION OF 500 LTRS WATER TANK OF BEST QUALITY ON AVAILABLE STAND. NECESSARY ARRANGEMENT OF WATER SUPPLY BY SUPPLYING AND FIXING PIPE-20 MTR , WHITE VITREOUS WASH BASIN (SIZE 550X400 MM) - 2 NO, WATER TAP-02 NOS AND OTHTER REQUIRED FITTINGS FROM MOTOR TO TANK AND TANK TO BASIN NEAR BHEL STORE 4	NOS.	1	0.00139065
11	SUPPLY AND INSTALLATION OF 01 NO STARTER FOR 1 KW BOREWELL PUMP MOTOR OF BEST QUALITY (MAKE-ANCHOR, HAVELLS, CROMPTON) WITH ALL FITTING FOR PUMP MOTOR NEAR STORE 4	NOS.	1	0.00034454

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SL NO.	ITEM DESCRIPTION	UNIT OF MEASUREMENT	QUANTITY	WEIGHTAGE
12	INSTALLATION AND CONNECTIONS OF BHEL SUPPLIED 2 CORE/3CORE/4 CORE COPPER / ALUMINIUM CABLES FOR LIGHTING PURPOSE/MAKING CONNECTIONS WITH SUPPLY PANEL, CHANGERS (IN EACH STORE), RCBS AND MCBS ALONG WITH CLAMPING ON WALL/OVERHEAD STRUCTURE MAKING ALL OTHER NECESSARY ARRANGEMENTS FOR COMMISSIONING AND COMMISSIONING OF STORE LIGHTING SYSTEM (INSIDE AND OUTSIDE).			...
12.1	3Cx50 Sqmm Cu Calbe for Light Mast	MTR	400	0.00244134
12.2	4Cx25 Sqmm AL Calbe for Light Mast	MTR	400	0.00189007
12.3	3Cx1.5 Sqmm Cu Cable for Lighting	MTR	200	0.00066940
13	SUPPLY AND INSTALLATION OF 04 NOS. OF 4P, 63A MCBS WITH MCB BOX IN EACH STORE FOR LIGHTING AND MAKING NECESSARY CONNECTIONS	NO.	4	0.00045677

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14	SUPPLY AND INSTALLATION OF PHILIPS/ HAVELLS/EQUIVALENT MAKE 40 WATT LED BULBS OF MINIMUM I YEAR GURANTEE WITH SUITABLE ANCHOR MAKE HOLDER AND ALUMINIUM CAP FOR RAIN PROTECTION (AS NECESSARY / AS PER INSTRUCTIONS OF BHEL) AND MAKING ALL-NECESSARY ARRANGEMENTS FOR INSTALLATION AND COMMISSIONING.	NO.	10	0.00082691
15	EARTH WORK IN STRIPPING OF TOP SOIL UPTO A MAXIMUM DEPTH OF 0.30M BELOW GROUND LEVEL SO AS TO EXCLUDE ALL DEBRIS, GRASS, VEGETATION, BUSHES, TREES HAVING GIRTH UPTO 300 MM INCLUDING ROOTS AND ORGANIC MATERIALS ETC FOR LEVELLING AND GRADING INCLUDING DRESSING TO SPECIFIED LEVELS & GRADES AND COMPACTING THE GRADED/STRIPPED SURFACE BY MANUAL/MECHANICAL MEANS, DISPOSAL OF STRIPPED MATERIALS WITHIN A LEAD UPTO 1KM ETC ALL COMPLETE AS PER SPECIFICATION, DRAWING AND AS DIRECTED BY THE ENGINEER IN CHARGE.	SQM	20565	0.18645109
16	REPAIRING OF COVERED SHED BY SUPPLYING AND FIXING OF CLADDING SHEET, SELF TAPPING SCREW AND MANPOWER WITH T&P	SQM	500	0.02655049
17	EXCAVATION FOR DISPOSAL OF GARBAGS/WASTE INSULATION WOOL AND REFILLING OF DITCH WITH EARTH	CUM	240	0.00443097

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SL NO.	ITEM DESCRIPTION	UNIT OF MEASUREMENT	QUANTITY	WEIGHTAGE
18	SHIFTING OF WASTE INSULATION WOOL/GARBAGS TO EXCAVATION AREA INSIDE PLANT WITH MAXIMUM LEAD OF 1.5KM BY TRACTOR/TRUCK/JCB AND WORKERS	CUM	200	0.00479507
19	PROVIDING AND FIXING BARBED WIRE FENCING AROUND OPEN STORAGE YARD AS PER DRAWING/AS INSTRUCTED BY BHEL ENGINEER , INCLUDING POSTS OF MS ANGLES 75x75x6MM 2.50 M HIGH ABOVE GROUND AND 500MM EMBEDDED IN THE CONCRETE BELOW G.L AS PER STANDARD PRACTICE/AS INSTRUCTED BY BHEL ENGINEER, FIXING THE POSTS WITH FOUNDATION OF SIZE 0.30x0.30x0.5 M DEEP IN PCC OF MIX 1:3:6,THE POSTS SHALL BE SPACED AT 3M CENTRES AND STRUTS AT 30M CENTRES AND AT ALL TURNINGS WITH FOUNDATIONS,SUPPLYING AND FIXING GI BARBED WIRES, 12 HORIZONTAL LINES, TWO DIAGONALS BETWEEN POSTS BY MEANS OF GI STAPLES AS PER STANDARD PRACTICE. THE BARBED WIRE SHALL CONFORM TO IS 278 AND BE MADE OF TWO STRANDS OF GALVANISED TWISTED 2.5MM DIA (12.5 GAUGE) STEEL WIRE WITH FOUR POINT BARS. RATE QUOTED SHALL BE INCLUSIVE OF EXCAVATION, DISPOSAL OF SURPLUS EARTH, CONCRETE (1:3:6), FORM WORK AND ALL MATERIALS, COST OF POSTS, BARBED WIRES, TRANSPORTING, FIXING IN POSITION ETC. INCLUDING COST OF ALL LABOUR AND TWO COATS OF ENAMEL PAINT OF APPROVED SHADE WITH A SHOP COAT OF PRIMER IN ALL STRUCTURAL MEMBERS ETC COMPLETE.	MTR	200	0.02850422
20	SUPPLY AND LYING OF 300MM DIA HUME PIPE IN OPEN STORE AREA FOR DRAIN SYSTEM FOR RAIN WATER.	MTR	200	0.01461536
TOTAL				1.00000000