

VOLUME-III PRICE SCHEDULE, REV-01	
GRP pipe laying, alignment, joining, erection, assembly of fittings and hydrotest of the entire GRP piping of UF, Remin and Ext Piping at 2X660 MW Maitree STPP, Rampal, Bagehat, Bangladesh	
TENDER NO: BHEL:MSTPP:BOP:GRP:UF:01	
PREAMBLE	
1	This preamble forms part of tender document and schedule of items. The tenderer should read this preamble carefully before filling in rates for various items. Clauses under this preamble shall be read in conjunction with various volumes of tender and other tender sections as applicable and shall have precedence over any contrary statement mentioned any where in this document.
2	The work shall be carried out strictly as per specifications, description of the items in these schedule and / or engineer's instructions. Drawings enclosed with the tender are only preliminary and for tender purposes and giving some idea of the work involved. The work is to be executed as per drawings & documents, which shall be furnished during execution.
3	Items of work provided in this schedule but not covered in this specification shall be executed strictly as per instruction of the engineer.
4	Unless specifically mentioned otherwise in the tender document, the tenderer shall quote for the finished items and shall provide for the complete cost towards power, fuel, tools, tackles, equipment, constructional plants, temporary works, labour, dismantling of all temporary piping, structures, valves, pumps, tanks & other misc. equipment, strengthening of roads/culverts/bridges etc. including arranging all clearances etc. required for carrying out different activities & tests, materials, levies, taxes (except service tax), transport, layout, repairs, rectification, maintenance till handing over, supervisions, colonies, shops, establishments, overheads, profits and 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 thirty percent ($\pm 30\%$) 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/ 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	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.
16	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/BPWD schedule as prescribed in the tender/BOQ cum Rate Schedule.
17	No interest, whatsoever, shall be payable by BHEL on the security deposit, any bank guarantee submitted or any amount due to successful bidder/contractor.
18	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.
19	Bidder's Total price shall be considered for evaluation unless stated otherwise.
20	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

GRP pipe laying, alignment, joining, erection, assembly of fittings and hydrotest of the entire GRP piping of UF, Remin and Ext Piping at 2X660 MW Maitree STPP, Rampal, Bagehat, Bangladesh

TENDER NO: BHEL:MSTPP:BOP:GRP:UF:01

SCH-1 : TOTAL PRICE

SL NO	DESCRIPTION	PRICE SCHEDULE REF	TOTAL QUOTED PRICE (IN BDT)
1.0	TOTAL PRICE FOR GRP pipe laying, alignment, joining, erection, assembly of fittings and hydrotest of the entire GRP piping of UF, Remin and Ext Piping at 2X660 MW Maitree STPP, Rampal, Bagehat, Bangladesh	SCH 2 - BREAK UP OF TOTAL PRICE	<u>IN FIGURES:-</u> <u>IN WORDS:-</u>

NOTE

1.0	Bidder shall quote total price for total price of SCH-1- Part only at sl no 1 above. All other amounts/ rates of each item of works in respective schedules/ parts will be derived based on allocated percentages. As such, any uncalled figure/ amount noted at any other place/ schedule of Volume-III will not be recknoed & will stand null & void.
2.0	Bidder to note that total price at sl no 1.0 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 to note that SCH-2 is Break-up of Total Price.
3.1	Bidder to note that SCH-3 covers SERVICE of respective items, unless specified otherwise in the description of items.
4.0	Bidder's quoted total priceat Sl. no 1 above respectively shall be apportioned into amount of various items of works based on allocated percentages 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.
5.0	Based on the itemwise percentage 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 after roundeding off .
6.0	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.7below.

7.0	Unit rates of each item of works of respective schedules/ parts will be derived by dividing derived amount by corresponding quantities. In deriving the unit rates of each item in this manner, figures only upto 2 decimal places will be taken into account. Any adjustment, if required, due to such methodology, will be effected in final bill.
8.0	Successful bidder shall draw a schedule of quantities of various items of work of SCH-5 and obtain BHEL's approval/ clearance in writing before procurement, supply, etc.
9.0	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.
10.0	Price format shall not be changed by bidder in any case and it may lead to cancellation of their offer.
11.0	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.
12.0	Evaluation shall be on the grand total amount including taxes, excluding VAT
13.0	Bidders quoted "All inclusive" price shall include all statutory duties and all other charges / taxes including AIT but excluding VAT.
14.0	Bidders quoted rate / price shall remain firm for offer validity period, execution and testing
15.0	While quoting bidder shall take into consideration all other terms and conditions specified in the tender document including GCC, TCC & SCC.
16.0	Any other document submitted by the bidder in price bid / schedule apart from tendered price bid / schedule shall not be taken into cognizance for evaluation of offer. Any modification in price bid / schedule in any way by bidder is not acceptable and shall be considered as tampering of tender documents.
17.0	BHEL reserves the right to rationalize the rates quoted by L1 bidder against unit rate / optional items wrt the itemwise lowest rates (amongst participating bidders), before placement of order.

VOLUME-III
PRICE SCHEDULE, REV-01

GRP pipe laying, alignment, joining, erection, assembly of fittings and hydrotest of the entire GRP piping of UF, Remin and Ext Piping at 2X660 MW Maitree STPP, Rampal, Bagehat, Bangladesh

TENDER NO: BHEL:MSTPP:BOP:GRP:UF:01

SCH-2 : BREAK UP OF TOTAL PRICE SCHEDULE

SL NO	DESCRIPTION	<u>PRICE SCHEDULE REF</u>	<u>AMOUNT</u>
1.0	SERVICE	SCH 3 -SERVICE	100.00%
	TOTAL ALLOTTED PERCENTAGE	GRAND TOTAL	100.00%

VOLUME-III				
GRP pipe laying, alignment, joining, erection, assembly of fittings and hydrotest of the entire GRP piping of UF, Remin and Ext Piping at 2X660 MW Maitree STPP, Rampal, Bagehat, Bangladesh				
TENDER NO: BHEL:MSTPP:BOP:GRP:UF:01				
SCH-3 : SERVICE				
ST. NO	DESCRIPTION OF ITEM	UNIT	Quantity	WEIGHTAGE (Nearest to the 6 decimal points) W.R.T THE TOTAL value
UF System				
a) Butt Joint (Lamination)		NOS		
1	100NB	NOS	63	0.014138
2	150NB	NOS	11.000	0.002469
3	200NB	NOS	37.000	0.009825
4	250NB	NOS	158.000	0.065004
5	300NB	NOS	30.000	0.012062
6	350NB	NOS	140.000	0.076763
7	400NB	NOS	133.000	0.086306
8	450NB	NOS	84.000	0.092807
9	600NB	NOS	40.000	0.046767
10	700NB	NOS	31.000	0.041920
b) Fastener Joint (bolted)		NOS		
1	100NB	NOS	11	0.000313
2	150NB	NOS	5	0.000213
3	200NB	NOS	19	0.001080
4	250NB	NOS	68	0.004832
5	300NB	NOS	18.000	0.001535
6	350NB	NOS	50	0.004974
7	400NB	NOS	88	0.010006
8	450NB	NOS	38	0.004861
9	600NB	NOS	9	0.001535
10	700NB	NOS	10	0.002075
c) Branch Joint (Lamination)		NOS		
1	200X150NB	NOS	1	0.000405
2	350X150NB	NOS	1	0.000745
3	400X100NB	NOS	1	0.000745
4	400X150NB	NOS	3.000	0.002459
5	400X300NB	NOS	6.000	0.006260
6	400X350NB	NOS	7.000	0.007825
7	400X400NB	NOS	19.000	0.022654
8	450X250NB	NOS	5.000	0.005216
9	450X400NB	NOS	1.000	0.001267
10	600X250NB	NOS	6.000	0.008927
11	700X450NB	NOS	6.000	0.012085
12	700X700NB	NOS	2.000	0.004904
d) Stub Joint (Lamination)		NOS		
1	15NB	NOS	74.000	0.001937
2	25NB	NOS	16.000	0.000419
3	50NB	NOS	12.000	0.000628
REMIN & EXTERNAL PIPE SYSTEM		NOS		
a) Butt Joint (Lamination)		NOS		
1	100NB	NOS	16.000	0.003591
2	150NB	NOS	392.000	0.087968
3	200NB	NOS	133.000	0.035318
4	250NB	NOS	78.000	0.032091
5	350NB	NOS	82.000	0.044961
6	450NB	NOS	192.000	0.212130
6	500NB	NOS	6.000	0.004735

VOLUME-III				
GRP pipe laying, alignment, joining, erection, assembly of fittings and hydrotest of the entire GRP piping of UF, Remin and Ext Piping at 2X660 MW Maitree STPP, Rampal, Bagehat, Bangladesh				
TENDER NO: BHEL:MSTPP:BOP:GRP:UF:01				
SCH-3 : SERVICE				
ST. NO	DESCRIPTION OF ITEM	UNIT	Quantity	WEIGHTAGE (Nearest to the 6 decimal points) W.R.T THE TOTAL value
	b) Fastener Joint (bolted)-Flanged	NOS		
1	100NB	NOS	4.000	0.000114
2	150NB	NOS	96.000	0.004093
3	200NB	NOS	26.000	0.001478
4	250NB	NOS	31.000	0.002203
5	350NB	NOS	17.000	0.001691
6	500NB	NOS	1.000	0.000142
	c) Branch Joint (Lamination)	NOS		
1	500x200	NOS	2.000	0.002086
2	500x350	NOS	3.000	0.003800
3	350x250	NOS	3.000	0.002683
4	250x150	NOS	8.000	0.003700
	d) Stub Joint (Lamination)	NOS		
1	15NB	NOS	39.000	0.001021
2	25NB	NOS	7.000	0.000183
3	50NB	NOS	1.000	0.000051
			TOTAL WEIGHTAGE	1.000000