

Price Bid

This Section contains the forms which are to be completed by the Bidder and submitted as part of his Price Bid.

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Letter of Price Bid

Date:
Contract Package No.:
Invitation for Bid No.:

To:.....

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB);
- (b) We offer to execute in conformity with the Bidding Documents and the Technical Bid submitted for the following Works:
- (c) The total price of our Bid, excluding any discounts offered in item (d) below is:
- (d) The discounts offered and the methodology for their application are:
- (e) Our Bid shall be valid for a period of days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our Bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
- (g) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed; and
- (h) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Name
In the capacity of
Signed
Duly authorized to sign the Bid for and on behalf of
Date

Schedules Bill of Quantities

Preamble

(A) General

1. The Bill of Quantities shall be read in conjunction with the Instructions to Bidders, Conditions of Contract, Employer's requirement/Specifications and Drawings.
2. For the construction of works, the quantities given in the Bill of Quantities are estimated quantities, and are given to provide a common basis for bidding. Except for the Lum Sum item, the basis of payment will be the actual quantities of work ordered and carried out, as measured by the Contractor and verified by the Engineer and valued at the agreed individual item rates. Bills will be raised monthly. The method of measurement shall be as per norms laid out by the Bureau of Indian Standard's publication IS: 1200 (Latest Editions with updated amendments).
3. A rate or price shall be entered against each item in the Priced Bill of Quantities, whether quantities are stated or not. Except for Lum Sum the cost of items against which the Contractor has failed to enter a price or rate shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
4. The whole cost of complying with the provisions of the contract shall be included in the items provided in the priced Bill of Quantities, and except for Lum Sum item, where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of work.
5. General directions and descriptions of work and materials are not necessarily repeated nor summarized in the Bill of Quantities. Reference to relevant sections of the Contract documentation shall be made before entering prices against each item in the priced Bill of Quantities.
6. The rates and prices tendered in the priced Bill of Quantities shall, except in so far as it is otherwise provided under the Contract, include all constructional plant, labour, supervision, materials, erection, maintenance, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out in the Contract. Import duty and excise duty on materials and goods to be imported shall not be included in the Unit Rates
7. Arithmetic errors will be corrected by the Employer as follows:
 - a. if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
 - b. if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - c. if there is a discrepancy between words and figures, the Amount (In INR) in words shall prevail, unless the Amount (In INR) expressed in words is related to an arithmetic error, in which case the Amount (In INR) in figures shall prevail subject to (a) and (b) above.
8. Rock is defined as all materials that, in the opinion of the Engineer, require blasting, or the use of metal wedges and sledgehammers, or the use of compressed air drilling for their removal, and that cannot be extracted by ripping with a tractor of at least 150 brake hp with a single, rear-mounted, heavy-duty ripper.

(B) Work Items

The Bill of Quantities contains Schedules as below:

Procurement of Alternative Water Supply Scheme of Aizawl (Gravity) Part-1

ABSTRACT COST

The quoted rate and amount is inclusive of taxes, duties and cess including all cost payable by the Bidders

ABSTRACT OF COST

Sl.No	Name of Items	Amount (Rs)
A	Water Head Works :	
1	Earthen Dam	
2	Soil Investigation	
3	Treatment Unit	
4	Diversion Work	
5	Approach Road	
6	Buildings	
7	Carriage	
8	Miscellaneous	
	Total of A	
B	Gravity Main :	
9	Procurement of Pipes	
10	Pipe Internal Coating and External Wrapping	
11	Laying of Pipes	
12	Welding of Pipes	
13	River Crossing at Tuirial	
14	Anchor Blocks	
15	Support Pillars	
16	Appurtenants	
17	Carriage	
18	Formation Cutting of Road	
19	Road Indemnification	
20	Temporary Workshed	
21	Rehabilitation	
	Total of B	
C	Distribution Headwork :	
22	Main Reservoir	
23	Connection to nearby existing F.M	
	Total of C	

Total :

Grand Total :

(Rupees _____)Only

INDICATIVE BILL OF QUANTITIES.

The items indicated below are indicative and may be considered as a guide only and thus bidders are advised to confirm their accuracy by visiting the site before submission of bids. Since design is the scope of Contractor, bidder has to do survey and investigation at site and thus bid may be prepared and submitted based on the findings of survey and investigation.

Sl.No.	Description of item	Unit	Qty	Rate (Rs)	Amount (Rs)
A	WATER HEADWORKS -				
	Earthen Dam				
1	Clearing Grass and Removal of Rubbish	Lot			
2	Clearing and Grubbing Road Land. (Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned up to a lead of 1000 metres including removal and disposal of top organic soil not exceeding 150 mm in thickness.) By Manual means In area of light jungle	Lot			
3	Cutting of Trees, including Cutting of Trunks, Branches and Removal (Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 mtrs and earth filling in the depression/pit.) Girth from 600mm to 900 mm	Lot			
4	Removal of Unserviceable Soil with Disposal upto 1000 metres (Removal of unserviceable soil including excavation, loading and disposal upto 1000 metres lead but excluding replacement by suitable soil.				

5	Earthwork in excavation over areas (exceeding 30cm in depth, 1.5m in width as well as 10sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.	lot			
6	Compacting original ground supporting subgrade (Loosening of the ground upto a level of 500 mm below the subgrade level, watered, graded and compacted in layers to meet requirement of table 300-2 for sub grade construction.) Case II	lot			
7	Embankment Construction with Material Obtained from Borrow Pits (Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2) (Within a lead of 5Km.)				
	i) Embankment including depth of unsuitable soil.	lot			
	ii) Cut-off trench in clay material	lot			
8	Turfing with Sods (Furnishing and laying of the live sods of perennial turf forming grass on embankment slope, verges or other required locations as directed by the engineer – in - charge including preparation of ground, fetching of rods and watering) (Downstream slope)	lot			
9	Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 40 kg each complete as directed by the engineer – in – charge and Technical specification. (Rock toe)	lot			

10	Providing and laying Filter material underneath pitching in slopes complete as directed by the engineer – in – charge and Technical specification. (Hori. Filter/ gravel)	lot			
11	Providing and laying Dry Rubble Flooring over cement concrete bedding. complete as directed by the engineer – in – charge. (Crest of Dam)	Lot			
12	Construction of Appurtenances like intake, drain, outlets, valve chamber and railing.	lot			
13	Construction of Chute Spillway.	lot			
14	Foundation Treatment: Providing of foundation treatment by grouting below cut-off/ core & abutments.	Lot			
			Sub - Total = Rs		
15	Soil Investigation	Lot			
16	Treatment - Filter Unit (15 MLD)	Lot			
	Diversion Works				
17	Construction of Water Diversion Works during construction of dam.	Lot			
	Approach Road				
18	Construction of Approach Road from Hualtu to Dam Site (Formation Cutting for widening of existing road)	Lot			
19	Granular Sub-Base (Table:- 400-1) By Mix in Place Method (Construction of granular sub-base by providing the material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per clause 401) for Grading- II Material	Lot			
	Carriage				

20	Carriage of materials like cement, pipe, steel, filter media.	lot			
	Miscellaneous				
21	Security Fencing G.I Barbed wire Fencing 1.8 metre high (Providing and fixing 1.8 metres high GI barbed wire fencing with 2.4 m angle iron posts 50 mm x 50 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, 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 12 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 807)	lot			
22	Land : Rehabilitation of land to be submerged by the reservoir.	lot			
B	GRAVITY MAIN				
23	Providing of MS Spiral Welded pipes conforming to API 5L specification	lot			
24	Pipe internal Coating and external wrapping	lot			
25	Laying of pipe along the alignment including trenching upto a depth of 1.4 metre, laying of pipe into the trench, refilling of earth with consolidation, disposal of surplus soil, etc. as per direction of Engineer-in-charge.	lot			
26	Welding of pipe at all the joints including the following test - i) dye penetration test ii) Radiography testing (10% of pipe length)	lot			
27	River Crossing at Tuirial (RCC/Steel Bridge)	lot			
28	River Crossing at Tuirini (RCC/Steel Bridge)	lot			
29	Anchor/Thrust Blocks	lot			
30	Support Pillars	lot			

31	Appurtenances: Gate Valve, Blow-off Valves, Air Valves, Non Return Valves.	lot			
32	Carriage of materials like pipes, etc.	lot			
33	Road : Formation cutting of road along the alignment of pipeline wherever the pipeline does not follow the existing road.	lot			
34	Road Indemnification	lot			
335	Rehabilitation of land for road along alignment of Gravity Main Line, etc.	lot			
C	MAIN RESERVOIR				
36	Construction of Main Reservoir (32.8 lakhs) litres capacity at Melthum tlang.	lot			
37	Connecting the existing Feeding Main of Aizawl South Sub Urban areas from Main Reservoir at Melthum Tlang. Providing and laying of pipes, etc.				
	i) To Muallungthu, Falkawn, etc. Line 150 mm dia G.I. Pipe (Medium)	lot			
	ii) To Hlimen, Lungleng, etc. Line: 150 mm dia G.I. Pipe (Medium)	lot			
	iii) To Melthum, Saikhamakawn, etc. Line 150 mm dia G.I. Pipe (Medium)	lot			
	Add 20% for Pipe Specials				
	Road Indemnification : 540 x 0.5	lot			
38	Hydraulic testing of gravity main	lot			
39	Testing & Commissioning of the project	lot			

Grand Total = Rs.

(Rupees _____) only