

Annexure – II

(Bill of Quantities)

BILL OF QUANTITIES

(A) *Percentage Rate Tender (Up to INR 50 Cr.)*

Item No	Description of Item (with brief specification and reference to book of specifications)	Quantity	Unit	Rate In figures	Amount
1	Supplying & Laying trap rubble stone 50 to 100 Kg .in weight for toe and core filling including conveying and stacking to required line level Slopes section including all leads and lifts. Conveying material from stacks and laying etc. complete.	905.00	Cum.	1594.31	1442850.55
2	Supplying & Laying trap rubble stone 20 to 100 Kg .in weight for toe and core filling including conveying and stacking to required line level Slopes section including all leads and lifts. Conveying material from stacks and laying etc. complete.	11069.00	Cum.	1579.10	17479057.90
3	Supplying & Laying trap rubble stone 500 to 1000Kg. In weight for toe and core filling including conveying and stacking to required line level Slopes section including all leads and lifts. Conveying material from stacks and laying etc. complete. Rate analysis for 1 cum.	6267.00	Cum	1771.54	11102241.18
4	Supplying & Laying trap Rubble Stone 2.0 to 3.0 tone in weight for toe&core filling including conveying and stacking to required line, level, slope section including all leads & lifts conveying materials from stacks and laying etc. completely.	1432.00	Cum.	1899.29	2719783.28
5	Casting design mix M30 grade PCC tetrapods/dollose weighing upto 25 tonne using minimum cement 405 kg/cum and graded crushed stone aggregates 40mm nominal maximum size for laying in section of breakwater or such other structure including cost of formwork, admixture (superplasticizer) @ 0.4 % of weight of cement, vibrating, curing, finishing etc. Complete.	3269.00	Cum	8625.63	28197184.47
6	Labour charges for placing of CC Tetrapods/Dollose/blocks weighing upto 25 tonne in the section of breakwater or such other structure, laying in position as shown in the drawing or as directed including loading at casting yard, transporting, unloading at work site and all labour, machinery such as cranes, dumpers, trucks, trailers etc. Complete.	3269.00	Cum	1625.31	5313138.39

7	Provision for Mobilization and Demobilization of All Required Construction Machinery, Equipment, and Ancillary Facilities for harbour project works such as jetty, wharf, breakwater etc. (5% of total estimated cost)	335103 22.86	L.S.	0.05	1675516.14
8	Excavation in all sort of strata and formations including depositing the unuseful excavated stuff as and where directed including sorting and stacking useful materials as directed up to 200 Mt. lead and all lift etc. complete including dewatering. (a) In overburden including Hard Murrum.	662.00	Cum	79.00	52298.00
9	Providing & Laying in position 'NOMINAL MIX' cement concrete using cement sand and crushed aggregate by machine mix incl. necessary formworks, centering, scaffolding compaction by mechanical vibrator curing as directed with all lead & lift etc D) Concrete grade 1:2:4 and MSA-40mm(Graded)	305.00	Cum	3822.00	1165710.00
10	Drilling 25mm dia holes at distance as specified and depth upto 3.0mt for check dam foundation & fixing anchor bars of specified diameter with cement grout incl cleaning holes as directed etc, (excluding cost of bars.)	44.00	Rmt.	252.00	11088.00
11	Providing, cutting, bending, binding and fixing in position as per drawing. TMT BAR, reinforcement for R.C.C. works and anchor bars including cost of black annealed 16 to 18 BWG M.S. Wire etc. complete with all lead and lift. (b) Fe 500	0.12	M.T.	76574.00	9188.88
12	Back filling with appropriate excavated material behind the structures or refilling the trenches with excavated useful material including watering ramming, consolidation etc complete with all lead and lift.	84.00	Cum	84.00	7056.00
13	Providing and fixing in position 100/110 mm dia PVC Pipe weep holes in the retaining walls./side wall/abt etc	84.00	Rmt.	358.00	30072.00
				Total	69205184.79

I/We am/are willing to carry out the work at% above/below percent(Should be written in figures and words) of the estimated rate mentioned above. Amount of my /our tender works out as under.

Estimated amount put totender

Deduct.....% below

Net

In words

Estimated amount put totender

Add % Above

Net

In words

(B) *For Item Rate Tender (For above INR 50 Cr.):*

Item No	Description of Item (with brief specification and reference to book of specifications)	Quantity	Unit	Rate		Amount
				In figures	In Words	

(A) Total Tendered Amount

(B) ~~Rebate on above tendered amount (if any) % (in figure)~~
.....
(in words).....
.....

(C) Net Tendered Amount (A-B) (in figure)
(in words).....

1	The Contractor shall exhibit a board with brief details of work as directed by the Engineer-In-Charge for which no extra payment shall be made.
2	The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.
3	GST and Income tax TDS will be deducted at a source while making payments of bills
4	In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt. G.R. NO.: MIS102010/17/K1 Dated:30/07/2018 as stated in S.O.R. therefore in R.C.C. items where there is a change as per actual mix design the cost of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.

Signature of Contractor

Executive Engineer
Gir Somnath Irrigation Division
Veraval