

No. IWAI/COCH/33(5)B/2021-22/09/463

26.10.2021

To,
Sri. R Sajikumar,
XI/72d, Anugraha,
Padamugal, Kakkanad P O
Ernakulam – 682 030.

Sub: Construction of Rip – Rap type bank protection in various locations in Champakara & Udyogmandal canal of NW.3 – Work Order – Reg.
Ref: (1) Tender No. IWAI/COCH/33(5)B/2021-22/09, dated 27.08.2021
(2) Your e-tender offer submitted through e-procurement site on 15.09.2021

Sir,

Reference to the tender cited above on the subject, IWAI is pleased to award the work of “Construction of Rip – Rap type bank protection in various locations in Champakara & Udyogmandal canal of NW.3”, at a total cost of Rs.76,25,761.82 [Say Rs. 76,25,762/-] (Rupees seventy six lakhs twenty five thousand seven hundred and sixty two only) (excl. GST @ 12% but including 1% Labour Welfare Cess). Details of items, specifications, quantities and item rates are given in enclosed Bill of Quantities (Annexure :1). The detailed drawing of the Rip – Rap type bank protection in various locations in Champakara & Udyogmandal canal of NW.3 is enclosed as Annexure – 2. The Terms & Conditions are as below:

Terms & Conditions:

- (i) Labour Welfare Cess @ 1% shall be deducted from the contractor's bill for remittance to appropriate Authorities.
- (ii) The time allowed for completion of the work shall be 06 (six) months from the date of issue of this work order.
- (iii) An agreement in this regard is required to be entered by you in non-judicial stamp paper of minimum value Rs. 200/-, with this Authority within 15 (fifteen) days of receipt of this order.
- (iv) An amount of Rs. 3,81,288/- shall be deposited towards Performance Guarantee through RTGS in the following bank particulars and submit the proof along with UTR No. at the time of concluding Contract Agreement.

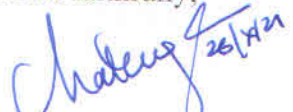
Our Bank Particulars are:

Account No.	:	39360627884
Name of Account	:	Inland Waterways Authority of India
Name of the bank	:	State Bank of India, Vyttila Branch
IFSC CODE	:	SBIN0008694

- (v) The balance Security Deposit of Rs. 3,81,288/- will be recovered from Running Bills in accordance with specified terms and conditions towards fulfilling the Security Deposit amounting to 10% of the value of work awarded i.e. Rs. 7,62,576/- (Rupees seven lakhs sixty two thousand five hundred and seventy six only) as per Clause No.3 of General Conditions of Contract given in the tender document.
- (vi) GST as applicable shall be separately claimed alongwith the bill.
- (vii) A joint site inspection shall be conducted for identifying defective walls prior to commence the bank protection work.
- (viii) All other terms and conditions remaining same as per the tender document.

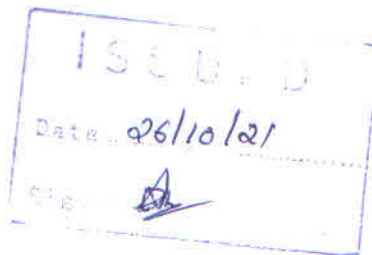
It is requested to please communicate your acceptance of this Work Order immediately and take necessary steps for commencement of work under intimation to this office.

Yours faithfully,


(Mathew George)
Director

Encl.: As above.

ok



BILL OF QUANTITIES**Name of Work: Construction of Rip – Rap type bank protection in various locations in Champakara & Udyogmandal canal of NW.3**

Sl. No.	Description	Unit	Quantity	Rate	Amount
1	Site clearance by cutting and removing the grass, bushes, all obstruction etc. from the top surface and disposal of the same as and where directed by the Engineer.	Sq.m	1500.00	15.00	22500.00
2	Earthwork in excavation on the sides of the bank to get an even profile & even depth for foundation of 1.20 M wide by manual or mechanical means as per directions of E-I-C. The rate shall include hire charges of machineries, labour for stacking / keeping of excavated soil for back filling after completion of bank protection work etc., complete.	Cu.m	450.00	500.00	225000.00
3	Earth work in filling in required profile in selected soil obtained from the approved borrow pit or any other source, free from logs, stumps, roots rubbish etc., and placing the earth in layers not exceeding 225mm in thickness, including levelling dressing, watering ramming and consolidating by approved means to the required profile under the direction of the Engineer, including all lift and leads.	Cu.m	720.00	1200.00	864000.00
4	Supply and placing in position Geo-textile as per specification or equivalent filter for below revetment as per the approved specification and drawings and any other place as directed by the Engineer including over lapping, sticking, stretching with all lead lift labour. Tools & Plants floating crafts, divers, etc. complete.	Sqm	1750.00	600.00	1050000.00
5	Providing and laying of stone boulders of size 40 to 60kg., under water to a finished thickness to the lines and levels as per approved design & drawing including all labour for providing of 150mm thick layer quarry rubble undressed stones as filter material. Tools & Plants floating crafts, drivers etc., all complete. (16% of total qty., will be deducted for voids)	Cu.m	895.00	4200.00	3759000.00
6	Cement plaster with a mixture of sand and gravel or crushed stone from 6mm to 10mm nominal size dashed / grouted over the stones including fresh plaster in two layers, under layer 12mm cement plaster 1 : 4 (1 cement : 4 fine sand) and top layer 10 mm cement plaster 1 : 3 (1 cement : 3 fine sand).	Sqm	700.00	900.00	630000.00



Sl. No.	Description	Unit	Quantity	Rate	Amount
7	Providing and laying in position cement concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate - 20mm nominal size) for PCC over RR wall 150mm thick including centering & shuttering, curing etc., as directed by Engineer, including cost of materials, labour, Tools & Plants etc., complete.	Cu.m	45.00	11200.00	504000.00
8	Reinforcement for pre-cast concrete work including straightening, cutting, bending, placing in position and binding all complete HYSD bars.	Kg	3098.53	94.00	291261.82
9	Removal of old bank protection to facilitate line & levels for the new protection	M	350.00	800.00	280000.00
Total cost : Rs.					7625761.82

Say Rs: 76,25,762/-

(Rupees seventy six lakhs twenty five thousand seven hundred and sixty two only)

Note

GST as applicable shall be indicated in addition separately in the bill


(Mathew George)
Director