



KERALA WATER AUTHORITY

No KWA/HWD/DB2-1946/2021/WO.36-2021-22

Office of the Executive Engineer
Head Works Division, Aruvikkara
Dated: 06.09.2021

From

The Executive Engineer

To

M/S M J Tech Engineering Construction
C/o Mohanan Pillai.R, Mohanam, Vayala Post,
Kollam

Sub:- : Deposit Work of Nedumangad Block Panchayat- Annual Plan- 2020- Central Finance Commission Grant for Urban Agglomeration - Placing of Protective Fencing around Aruvikkara Reservoir and cleaning of the reservoir - on the South bank up to chainage 400m. - Work Order- Reg

Ref:- 1. Your offer for tender no. 25/21-22/HWD opened on 27.08.2021 at 3.30 Pm

2. AS no. 1416/B P 2/2020/NDD dt 22.012.2020

Sir,

3. TS no. 7304/2021-22 dt 06.08.2021

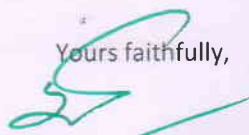
With reference to the above, M/S M J Tech Engineering Construction, Contractor is hereby informed that your tender for the above work is accepted for an amount of Rs.4182503/-, at the rate quoted by you i.e 4.75% Below Estimate Rate. You are directed to attend this office on or before 20.09.2021 with the required stamp paper and the Treasury savings bank pass book for the security mentioned below and execute an agreement and to start the work within a week after getting necessary instructions from the Asst. Executive Engineer, Water supply Sub Division, Aruvikkara

- 1 Before executing the agreement on stamp paper, the contractor should deposit in any one of the Government Treasuries in Kerala, under the Saving Bank account, duly pledging the same on behalf of the Executive Engineer, Head Works Division, Aruvikkara, a security of Rs.125500/- (Rupees One Lakh Twenty Five Thousand Five hundred Only.) for the due fulfilment of the contract, for which the necessary form for opening the Savings Bank can be had from this office.
- 2 Any failure in this direction will be liable to result in the forfeiture of the earnest money and the cancellation of the proposed contract and the contractor shall be liable to pay the Government the entire loss that may be caused to the Government by the retender or re-arrangement of the work or otherwise consequent on the contractor's failure to execute the agreement or execute the work, as provided for in the clause 13 of the notice inviting tenders and all such loss shall be recovered from him under the provisions of "Revenue Recovery Act" or otherwise vide the G.O.(P) 245/76/PW dated 19/11/1976.
- 3 It must be understood that on no account will the rates once fixed, be increased.
- 4 The work should be completed within Four Months from the date of this order.
- 5 All the terms and conditions of the notice inviting tenders and the tender shall be binding on this contract also.
- 6 The following documents are also to be produced for executing the agreement.
 - (i) Kerala Stamp paper worth Rs.4200 /-
 - (ii) Specification book - 3 sets
 - (iii) File cover - 3Nos.

Acc:- Accepted Schedule - 1No.

Copy to The Assistant Executive Engineer, WS Sub Division, Aruvikkara
The Assistant Engineer, AE No IV Aruvikkara
File/Agreement/RAO

Yours faithfully,


Executive Engineer



KERALA WATER AUTHORITY
HEAD WORKS DIVISION, ARUVIKKARA
ACCEPTED SCHEDULE

Order No. 25/21-22/HWD
Dated on 27.08.2021 at 3.30 Pm

Order No. 25/21-22/HWD

Dated on 27.08.2021 at 3.30 Pm

No.	Qty.	Specification	Unit	Rate	Rate in words	Amount
1	1060.000 sqm	PART 1- Reservoir Cleaning and Fencing on the South bank up to chainage 400m Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared	sqm	9.93	Rs Nine & Ps Ninety Three only	10526.86
2	56.000 hour	Engaging Hydraulic Excavator (JCB-3D) with driver and fuel.	hour	1301.67	Rs One thousand Three Hundred and One & Ps Sixty Seven only	72893.688
3	2.000 Day	Conveying materials using 2 ton Pickup truck for local shifting including loading and unloading	Day	3505.15	Rs Three Thousand Five Hundred and Five & Ps Fifteen only	7010.29
4	72.000 cum	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil	cum	173.72	Rs One Hundred and seventy three & Ps Seventy two only	12508.06
5	253.800 cum	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	cum	229.52	Rs Two Hundred and Twenty Nine & Ps Fifty Two Only	58251.16

Qty.	Specification	Unit	Rate	Rate in words	Amount
91.125 cum	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	cum	173.45	Rs One Hundred and Seventy Three & Ps Forty five only	15805.36
225.000 cum	Dry Rubble masonry with hard stone in foundation including leveling up with cement concrete 1:6:12 up to ground level	cum	3542.21	Rs Three thousand Five hundred and forty two & Ps Twenty one only	796996.80
21.010 cum	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	cum	6640.71	Rs Six thousand six hundred and forty & Ps Seventy One only	139521.30
121.500 cum	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:	cum	5470.10	Rs Five thousand four hundred and Seventy & Ps Ten only	664616.79
26.801 cum	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level: 1:1:5:3 (1 cement 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size	cum	8572.83	Rs Eight thousand five hundred and seventy two & Ps Eighty three only	229760.47
941.960 kilogram	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	kilogram	78.07	Rs Seventy eight & Ps Seven only	73536.93
148.700 sqm	Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	sqm	267.52	Rs Two hundred and sixty seven & Ps Fifty two only	39779.48
320.000 sqm	12 mm cement plaster of mix:	sqm	249.45	Rs Two Hundred and forty nine & Ps Forty five only	79822.72

No	Qty.	Specification	Unit	Rate	Rate in words	Amount
14	84.000 sqm	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron /steel works	sqm	40.14	Rs Forty & Ps Fouteen only	3371.59
15	84.000 sqm	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work	sqm	108.14	Rs One hundred and eight & Ps Furteen only	9083.51
16	320.000 sqm	Finishing walls with Acrylic Smooth exterior paint of required shade: New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	sqm	132.48	Rs One hundred and thirty two & Ps forty eight only	42394.24
17	250.000 sqm	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5m in width as well as 10 sqm on plan including disposal of excavated earth up to 50 m and lift up to 1.5 m, disposed soil to be levelled and neatly dressed: All Kinds of soil	sqm	73.10		18275.75
18	24.000 metre	Supply of PVC Pipe, 6kg/cm ² , 110mm Dia.	metre	341.20	Rs Seventy three & Ps Ten only	8188.80
19	24.000 metre	Laying UPVC pipes of class 2 to class 6 and specials, lowering to the trenches already made, placing in position aligning the pipe line to the lines and levels and jointing the pipes and specials with solvent cement and testing the pipe line with water to the required test pressure (excluding cost of pipes and specials). 110 mm nominal outer dia pipes.	metre	86.06	Rs Three hundred and forty one & Ps Twenty only	2065.32
20	536.000 Kwh	Bailing out water with 5 HP engine and pumpset including conveyance to the site, erection, dismantling and taking back of engine and pump, cost of fuel lubricating oil and other stores pay of staff etc. complete. NEW DATA (Prepared based on PHED SDB - Item No. 1070	Kwh	34.90	Rs Thirt four & Ps Ninety only	18704.26
21	490.000 metre	Supplying 50 mm GI pipe for Fencing medium class including conveyance charges	metre	378.38	Rs Three hundred and seventy eight & Ps Thirty eight only	185407.67

No	Qty.	Specification	Unit	Rate	Rate in words	Amount
2	140.000 No	Erection of 50 mm GI pipe for Fencing of suitable length bent at top for a length of 0.45m and fixed in concrete of size 0.40x0.40m min with MS legs and plugging the top with suitable end cover, running 3 lines of barbed wire on the top bent portion tied properly to the pipe, etc. complete. (G.I. Pipe and concrete to be paid separately)	No	524.82	Rs Five Hundred and twenty four & Ps Eighty two only	73475.36
3	960.000 sqm	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. Made of G.I. wire of dia 4 mm. PVC coated to achieve outer dia. not less than 5 mm in required colour and shade	sqm	820.20	Rs Eight hundred and twenty & Ps Twenty only	787392.96
4	4.000 No	Supply and erection of Steel Sign Boards 3' x 2' with 25 mm GI pipe, 20mm x 6mm MS flats and 2mm G.I. Sheet tied to Chain link fencing with suitable clamps or welded to GI post, etc. complete.	No	2110.99	Rs Two thousand One hundred and Ten & Ps Ninety nine only	8443.96
5	2000.000 Letterxcn	Lettering with black Japan pint of approved brand and manufacture	Letterxcn	3.79	Rs Three & Ps Seventy nine only	7586.00
6	90.000 cum	Conveying excavated earth by mechanical transport beyond the initial lead of 50m, including loading, unloading, etc complete as directed by dept officer in charge.	cum	207.81	Rs Two hundred and seven & Ps Eighty one only	18702.45
7	500.000 metre	Fencing one side of trenches, 1.50 m height with two rows of 10 cm plastic caution tape in vertical casuarina pole (girth 15cm to 24cm) fixed at 2 m intervals. (Data Prepared based on PWD SDB - Item No.1009)	metre	34.22	Rs Thirty four & Ps Twenty Two only	17110.50
8	90.000 kg	Item Shifted to head 14 as item 14.74Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.	kg	118.55	Rs one hundred and eighteen & Ps Fifty five only	10669.59
9	30.000 Day	Engaging Coolie	Day	589.55	Rs Five hundred and eighty nine & Ps Fifty five only	17686.62

No	Qty.	Specification	Unit	Rate	Rate in words	Amount
2	23650.000	Part 2 - Reservoir Cleaning and Miscellaneous Collecting floating wastes, weeds, Ambal etc. from the reservoir in country boat by engaging Divers and unload the same on the banks of the reservoir.	sqm	23.52	Rs Twenty three & Ps Fifty Two only	556200.70
1	60.000	Engaging Men for manual shifting of the floating wastes collected to a distant place/ loading to a truck.	Day	589.55	Rs Five hundred and eighty nine & Ps Fifty five only	35373.24
3	30.000	Engaging tipper for shifting materials	Day	2883.70	Rs Two thousand eight hundred and eighty three & Ps Seventy only	86511.09
4	1.000	Supplying and test running of 8 seater Fibre Reinforced Plastic Speed Boat of approved design and minimum size 12'x 5' with provision for OBM and provision for rowing. Inclusive of all necessary test certificates, fitness certificate, 2 sets of oars and all required safety devices and a minimum warranty period of 5 years for the boat. (OBM need not be supplied)	No	283406.00	Rs Two lakhs eighty three thousand four hundred and six only	283406.00

4391079.51

ACCEPTED PROBABLE AMOUNT OF CONTRACT

Tendered PAC(Labour)

Tender Deduction on labour (4.75%)

Accepted rate for material

Accepted PAC

₹4391080/-

₹208576/-

Nil

₹4182503/-

This work is awarded to the Contractor M/S M J Tech Engineering Construction, C/oMohan Pillai.R.,Mohanam,VayalaPost, Kollam for an amount of ₹4182503/- (Rupees Forty One Lakh Eighty Two Thousand Five hundred Three Only.) ie. 4.75%Below Estimate Rate

CONTRACTOR

EXECUTIVE ENGINEER