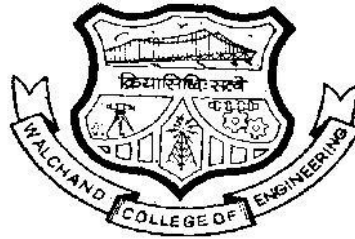


**WALCHAND COLLEGE OF ENGINEERING,
SANGLI**

TENDER DOCUMENT



Tender for Sewerage Treatment Plant for Hostels at WCE, Sangli

Prebid Meeting

11th May 2017 at 3:30 pm

LAST DATE OF RECEIVING

19th May 2017 at 1:30 pm

DATE OF OPENING THE TENDER

19th May 2017 at 3.30 pm

**All above events at Conference Hall, Main Building, First Floor,
WCE, Sangli**

Three Envelopes Tender

- a. Envelope No 1 = All qualification documents and Demand Drafts of EMD & Cost of tender form.
- b. Envelope No 2 = Signed and stamped tender form with cost details.
- c. Envelope No 3 = Containing above two envelopes with full address, contact no and title of work.

Bill of quantities/ APPROXIMATE QUANTITY AND ABSTRACT SHEET

Name of the agency: Address: Phone No:

Tender for Sewerage Treatment Plant for Hostels
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Sr. No.	Item	Qty	Rate	Per	Amount
1	Cleaning of site proposed for constructed wetlands by removing grass, shrubs and making suitable for construction activity etc complete as directed by engineer incharge	1	3000.00	No	3000.00
2	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 m. beyond the building area & stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.)By Manual Means	167.25	175.00	Cum	29268.75
3	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting complete.	27.63	835.00	Cum	23071.05
4	Providing and casting in situ cement concrete 1:1.5:3 of trap/ granite/ quartzite/ gneiss metal for bed concrete slab including centering, formwork, compacting, roughening them if special finish is to be provided and curing and finishing if required complete, all using With Natural sand etc. complete as directed by Engineer in-charge.	18.42	6000.00	Cum	110520.00

Sr. No.	Item	Qty	Rate	Per	Amount
5	Providing & casting in situ cement concrete 1:1:2 of trap / granite /quartzite/ gneiss metal for R.C.C. beams as per detailed designs & drawings or as directed including centering, formwork, cover blocks compaction & roughening the surface if special finish is to be provided & curing complete. (Excluding reinforcement) with natural sand etc. complete as directed by Engineer in-charge.	7.05	7000.00	Cum	49350.00
6	Providing & casting in situ cement concrete 1:1:2 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs & drawings or as directed including centering, formwork, cover blocks compaction & roughening the surface if special finish is to be provided & curing complete. (Excluding reinforcement) with natural sand etc. complete as directed by Engineer in-charge.	2.92	7000.00	Cum	20370.00
7	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external walls including bailing out water, striking joints on unexposed faces, raking out joints on exposed faces and watering Complete.	50.26	4930.00	Cum	247781.8
8	Providing and casting in situ cement concrete 1:2:4 of trap/ granite/ quartzite/ gneiss metal for PCC bed/ band/ copping including centering, formwork, compacting, roughening them if special finish is to be provided and curing and finishing if required complete, all using With Natural sand etc. complete as directed by Engineer in-charge.	4.63	5000.00	Cum	23150.00

Sr. No.	Item	Qty	Rate	Per	Amount
9	Providing internal cement plaster 20mm thick in two coats in cement mortar 1:5 with cement float finish, to concrete, brick surface, in all positions including using waterproofing compound (Dr Fixit) at specified rate per cement bag, curing the same for not less than 21 days, scaffolding and curing complete.	354.11	272.00	Sqm	96317.92
10	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound (Dr Fixit) at specified rate per cement bag, curing the same for not less than 21 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc. complete.	105.60	398.00	Sqm	42028.80
11	Providing and casting in situ cement concrete 1:1:2 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs canopy, waist slab with steps as per detailed designs and drawings including centering, formwork, cover blocks compacting and roughening the surface if special finish is to be provided, integrated slab finish and curing complete. (Excluding reinforcement) With natural sand etc. complete.	7.35	7500.00	Cum	55125.00
12	Providing and filling the mixture of coal, ¼" aggregate free from dust and coconut shells in 1:1:1 etc complete as directed by engineer incharge	1	15000	Job	15000.00
13	Providing and Fixing 150 mm diameter SWR pipe with necessary fittings such as bends, tees, single junctions, slotted vent, clamps etc complete as directed by Engineer In Charge	20	450.00	No	9000.00

Sr. No.	Item	Qty	Rate	Per	Amount
14	Providing & constructing Brick Masonry Inspection Chamber 90cm x 45cm x 90cm including 1:2:4 cement concrete foundation 1:2:4 cement concrete channels half round, Brick Masonry, plastering from inside and with frame fixed in cement concrete etc. complete with R.C.C. Cover.	2	5335.00	No	10670.00
15	Providing and fixing (5000 liter capacity) RCC water tank one piece moulded water tank inclusive of delivery up to destination hoisting and fixing of accessories such as excavation, foundation in stone masonry up to suggested height over ground, inlet, outlet overflow pipe inclusive of all etc complete with RCC cover etc complete.	10000	6.0	Lit	60000.00
16	Providing and fixing Electronic water level controller comprising appropriate sensors, programmable logic controller and necessary electrification etc complete as directed by engineer incharge	2	4500.00	No	9000.00
17	Providing and fixing 2 Hp power Kirloskar make water pump with necessary electrification wiring, inlet and outlet fitting etc complete	1	15000.00	No	15000.00
18	Providing and fixing 2 Hp power Kirloskar make mud pump with necessary with necessary electrification wiring, inlet and outlet fitting etc complete	1	25000.00	No	25000.00
19	Providing and fixing on walls/ ceiling/ floor 50 mm dia. CPVC pipe with necessary perforations, fittings, remaking well the demolished portion etc. complete.	25.00	538.00	m	5925.00

Sr. No.	Item	Qty	Rate	Per	Amount
20	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.	3000.00	50.66	Kg	151980.00
21	Removing cement or lime plaster including disposing of the spoils as directed with all leads, lifts, complete. Spec : As directed by Engineer In Charge	157.10	13.00	Sqm	2042.30
22	Providing repairs to old drainage wells by chicken mesh sand faced plaster externally on well slab and sides of well in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound (Dr Fixit) at specified rate per cement bag curing the same for not less than 21 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains, and curing for 21 days, scaffolding etc. complete.	220.00	478.00	Sqm	105160.00
23	Providing spreading and compacting murum by using hard and soft murum in layers, laying, watering and compacting with roller etc complete	126.00	400.00	Cum	50400.00

Sr. No.	Item	Qty	Rate	Per	Amount
24	Providing and fixing in position Bar screen of 10 mm diameter MS bar at 50 mm c/c, necessary welding and fixing to masonry, applying anticorrosive paint and two coats of oil paint etc complete.	1.60	1600.00	Sqm	2560.00
25	Providing and fixing 150 mm diameter valve, necessary adhesive etc complete	1.0	750.00	No	750.00
26	Providing and fixing in position 1/2" X 1/2" SS Mesh with frame, necessary welding and fixing to masonry etc complete.	5.0	1800.00	Sqm	9000.00
27	Providing and connecting electrification, wiring with MS box over two RCC poles, necessary Switches of motors, pumps, protective system, light tubes and safety systems etc complete as directed by engineer incharge	1.0	12000.00	No	12000.00
28	Providing and planting samplings etc complete as directed by engineer incharge	1.0	5000.00	Job	5000.00
29	Providing and placing MBBR media etc complete as directed by engineer incharge	1.0	5000.00	Job	5000.00
Total cost of work Rs					1200996/-
For two systems Rs					2401992/-

We agree to execute the above works in accordance with the approved drawings and technical Specifications at % _____ above/below to estimated cost of above estimate i.e. total price of Rs. _____ as mentioned in above bill of quantities i.e., for a total contract (Rs. _____ amount in words).

Signature of Bidder

Other conditions:

1. If rain does not allow for execution of few of the items, the items will be executed immediately after rainy season without claiming any additional charges.
3. In the scope of the tender for the bill of the quantities brief specifications is included for the understanding of the tenderer, however the detailed PWD specifications of the respective item is applicable for the execution and in general consideration of the item.
4. While submitting the tender, the offer (Bid Price) must be submitted in sealed envelope and marked in the following format "Tender for Sewerage Treatment Plant for Hostels", Company Name, Address, email, contact person, cell no. etc.
5. Your tender should be addressed to the *Director, Walchand College of Engineering, Vishrambag, Sangli - 416 415 (Maharashtra State)*.
6. Earnest Money Deposit (**EMD**) is Rs 25000/- in the form of Demand Drafts drawn on any Nationalized Bank in favor of 'The Director, Walchand College of Engineering, Sangli' payable at Sangli. If the tender offer is not accepted, the EMD will be refunded.
7. Envelope should contain the detailed specifications, duly signed and stamp sealed on each page otherwise it is liable for rejection.
8. The Bidder shall assure the support to maintain the work for at least 1 year for the Guarantee period.
9. Bidder shall not assign or sublet the contract to any other sub-vendor.
10. Bidder shall enclose demand draft of Rs. **1000/-** towards cost of tender form (Nonrefundable).
11. The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initializing, dating and re writing in words.
12. All duties, taxes, octroi and other levies etc. as applicable are payable by the contractor under the contract and shall be included in the total price.
13. The rates quoted by the Bidder shall be fixed for the duration of the contract and shall not be subject to escalation on any account.
14. The prices should be quoted in Indian Rupees only.
15. The Bidder should submit deviation statement (if any)
16. Each Bidder shall submit only one tender.
17. **Supplier should enclose his latest valid Income Tax clearance certificate along with his valid PAN No, list of works complete in last three years, list of tools, plants, equipment's and manpower along with him and solvency if needed.**
18. Proper measures/ precautions are to be taken on site during the execution of works. Accidental loss of any kind will be borne by contractor.
19. Rights to change quantity, any clause fully or partially in the terms and conditions mentioned above and right to cancel any Tender without giving any reason is reserved with Director, Walchand College of Engineering, Sangli.

Validity of Tender

1. Tender shall remain valid for a period not less than 30 days after the deadline date specified for submission.
2. The Employer will evaluate and compare the tenders determined to be substantially responsive i.e. which
 - (a) are properly signed ; and
 - (b) Conform to the terms and conditions, and specifications
 - (c) Evaluation and Comparison of bids shall be done on basic price with charges like transportation, freight and insurance, etc. including all taxes. Thus rate should be given clearly indicating unit rates.
 - (d) Any conditional tender will not be accepted

- (e) Quantity of the items may vary as per requirement at the time of purchase order or during execution.

Evaluation of Tenders

The Employer will evaluate and compare the tenders determined to be substantially responsive i.e. which

- (a) Meet the qualification criteria specified in clause 2 above;
- (b) Are properly stamped and signed; and
- (c) Conform to the terms and conditions, specifications and drawings without material deviations.

Award of contract

1. The Employer will award the contract to the bidder whose tender has been determined to be substantially responsive and who has offered the lowest evaluated tender price.
 - i. Notwithstanding the above, the Employer reserves the right to accept or reject any tenders and/or to cancel the bidding process and/or reject all tenders at any time prior to the award of contract.
 - ii. The bidder whose bid is accepted will be notified of the award of contract by the Employer prior to expiration of the tender validity period. The terms of the accepted offer shall be incorporated in the purchase order.
2. **The completion of all the items should be within 120 days from the date of work order.** The work duration is essence of work contract.
3. Any willful delay on the part of the second party in completing the construction within the stipulated period will render him liable to pay liquidated damages. @ Rs. 2000/- per day, this will be deducted from payments due to him. The first party may cancel the contract and take recourse to such other action as deemed appropriate once the total amount of liquidated damages exceeds 2 % of the contract amount.

Payment

Payment will be made as 95% against virtual completion at site after billing and recording. The remaining 5% as "Performance Security" payable at the end of warranty period or on submission of 5 % of the Bank Guarantee or will be deducted from bill and undertaking for the said amount.

Payment on completion of approx. 50 % of the total work (After submission of RA Bill by the contractor and due certification by engineer incharge after deducting 5% security deposit)
Remaining payment on completion of total work (After submission of Final Bill by the contractor and due certification by engineer incharge after deducting 5% security deposit and taxes as applicable)

Warranty

Normal commercial warranty/ guarantee shall be applicable to the completed items for 12 months from date of satisfactory completion/acceptance.

All legal disputes are subject to the Jurisdiction of Sangli court only.

Director
Walchand College of Engg.,
Vishrambag, SANGLI 416415
(MAHARASTRA)
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