

PART –II: PRICE BID.

Name of work: Horticulture and Landscaping works involving preparation of bed such as trenching, leveling & dressing of earth, mixing good quality soil and manure including planting of grass for making lawn in designated locations adjacent to existing lawn (South) & open amphitheatre area at NESAC Office Complex, Umiam, Meghalaya.-reg..

GENERAL NOTES TO ACCOMPANY SCHEDULE OF QUANTITIES FORMING PART OF TENDER DOCUMENTS:

Rate for various items of work in the accompanying schedule of quantities for work of “**Horticulture and Landscaping works involving preparation of bed such as trenching, leveling & dressing of earth, mixing good quality soil and manure including planting of grass for making lawn in designated locations adjacent to existing lawn (South) & open amphitheatre area at NESAC Office Complex, Umiam, Meghalaya.**” be quoted after taking in to account the following notes as preamble to the said schedule of quantities.

- 1) Materials required for the works shall be procured by Contractors from their own resources.
- 2) The rates for various items of works in the schedule of quantities shall be quoted taking into account the cost of materials, labour tools and plants, scaffolding, necessary wastages, cost of handling and conveyance/carriage of materials, overheads and profits and any other incidentals included therein.
- 3) Rates for all items shall be quoted in figures as well as in words. Amount for each item shall be worked out and requisite total given. All corrections shall be attested by the dated initials of the tenderer.
- 4) If on check there are differences found between the rates given by the contractor in words and figures or in the amount worked out by him, the following procedure shall be followed for deciding the correct rate which shall be final and binding on the tenderes.
 - i) When there is a difference between the rates in figures and in words, the rates which correspond to the amounts worked out by the contractor, shall be taken as correct.
 - ii) When the amount of an item is not worked out by the contractor or it does not correspond with the rate written either in figures or in words, then the rate quoted by the contractor (s) in words shall be taken as correct.
 - iii) When the rate quoted by the contractor in figures and in words tallies but the amount is not worked out correctly, the rate quoted by the contractor shall be taken as correct and not the amount.
 - iv) **In the event no rate has been quoted for any item(s), leaving space both in figure(s), word(s) and amount blank, it will be presumed that the contractor has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as Zero and work will be required to be executed accordingly.**
4. Rates quoted by the Tenderers for various items of work shall be deemed to be inclusive of such leads and lifts mentioned therein and/or as shown in the accompanying Tender drawings. Where such information is absent, the rates shall be deemed to be inclusive of the necessary leads and lifts to complete the item of work occurring at any height and with any required leads.
5. In the “Item of work/Description of work” column, “Unit” column and “Quantity” column, the various abbreviations, shall mean as below:
 - a) M/m/Rm/Mtr/mTR/MTR shall mean “Metre” in length or breath or Depth.
 - b) SQM/Sqm/SM/m²/Sm/M² shall mean “Square Metre” in area.
 - c) Cu.m/cu.m/CUM/CuM/m³/M³ shall mean “Cubic Metre” in volume
 - d) Kg/kg/KG shall mean “Kilogram” in weight.
 - e) MT/mT/Mt/T shall mean “Metric tonne” in weight
 - f) cm/Cm/CM shall mean “Centi-metre”
 - g) mm/MM/mM/Mm shall mean “Milli-metre”
 - h) PT/Pt/pt/pT shall mean one “Point” in wiring works.
6. Attention of Tenderer(s)/contractor(s) is also invited to the provision in clause 9 (f) of special conditions of contract vide printed booklet of Item Rate Tender and contract for works-“General rules and directions for the guidance of Contractor” which shall be strictly followed to interpret the specification/detail of working and scope of work included in the item and the decision of Engineer-in-Charge shall be binding and conclusive in this regard.

7. The wordings "as per specifications" in the scheduled items shall mean specifications for Civil works & PH works of CED , Department of Space or CPWD specifications or ISI specifications in the same order of precedence. In the absence of particular specifications for the item of work in any one of the documents mentioned, the decision of the Engineer-in-Charge is final.
8. Contractor(s) shall give a suitable performance guarantee, for the various works/items of work as stipulated in the respective description of works or as stipulated in the specifications for the works and for the periods stipulated therein. This guarantee period shall commence from the date declared as completion date (for the work under contract) by Engineer-in-Charge. Any defects noticed during the guarantee period shall have to be rectified by the contractor at his own expense or in default, the Engineer-in-Charge may cause the same to be made good/rectified at the risk and cost of the contractor.
9. Tenderer(s)/Contractor(s) shall note that any claims for payment of extra quantities executed beyond "Deviation limit" will become payable only after completion of the entire works under the contract, if eligible as per terms and conditions of contract vide clause 12 of conditions of contract and payment regulated as per clause 12A conditions of contract vide printed booklet of "General Rules and Directions for the Guidance of the Contractors" for "Item Rate tender and contract for works". No claims during the progress of work will be entertained and the contractors shall not stop the works on any grounds. Stopping of work on this account shall be deemed as a breach/abandoning of contract, inviting action under clause 3 of General conditions of contract from Engineer-in-Charge. Any delay in the completions of work as a result of such stoppage shall be to the account of contractor.
10. The method of measurement for payment against work done under the various items of "Schedule of Quantities" shall be regulated as per prevailing Indian Standards published by Bureau of Indian standards. However, as regards the applicability of the item rates for the work done, the decision of Engineer-in-Charge shall be final and binding.
11.
 - a) Water will be supplied for the works if available and sparable. In case of such availability, the supply will be made only at a single point in the existing supply lines at a location to be decided by the Engineer-in-charge and the supply will be governed by relevant provisions of clause 31 (para-I) and 32 (i) of "Conditions of Contract" and Conditions No. 34(a) of special conditions of contract vide printed booklet of "General Rules and Directions for the Guidance of contractors" for "Item rate tender and contract for works".
 - b) Water when supplied by the Department will be charged and recovered at Rs.200.00 per 1000 Litres (or at the tariff to be fixed by the Engineer-in-Charge) based on meter readings for the metered piped supply, or at certain percentage of the gross value of works carried out in case of non-metered piped supply.
 - c) Where the Department is unable to supply water for the works, the contractor(s) shall make his/their own arrangements for water required for works and nothing extra will be paid for the same and further subject to provisions in clause 31 para 2 sub para 1 and 2 of printed booklet of "General Rules and Directions for the guidance of contractor" for "Item Rate tender and contract for works"
 - d) Water supply from wells in Government (Department) Land where such facilities exist will be governed by provisions in clause 32 of printed booklet of "General Rules and Directions for the guidance of contractors" for "Item rate tender and contract for works" and the Engineer-in-Charge is the final authority for any decisions regards water supply from wells and construction of temporary wells in Government land.

The above general notes and conditions/rules 1 to 11 are acceptable to me/us and these shall also be deemed to form part of contract Agreement along with all other tender forms. My/our rates are quoted accordingly.

Place:
Date:

Signature of Tenderer

Name & Address

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General Notes for Civil and PH works:

1. Please refer drawing (if supplied) for floor heights, sizes, dimensions and levels etc., of the building.
2. Rates quoted should include dewatering requirement if any for the work. No extra payment will be admissible towards this.
3. All the materials are to be got approved by Engineer-in-Charge before incorporating in the work.
4. The quantities indicated in the Schedule of quantities against various items are tentative and subject to variations, additions and deletions.
5. The rates quoted for all items should be for items finished in workman like manner inclusive of all leads, lifts and incidental charges/expenditure. No extra payment is admissible on account of these.
6. No extra payment will be admissible for scaffolding and lift charges wherever applicable from finished floor levels/GF/FGL up to topmost level of the structure. Rates quoted for items should include this component also.
7. Only coarse sand (river sand) shall be used for all PCC works, RCC works, masonry works, and for external plastering works finished rough.
- 8.The centering (vertical props,bracings,etc..) shall be of steel tubes with or without extension pieces or built-up section of rolled steel for all load bearing RCC structural elements like beams, slabs,portals at height not less than 3m or span more than 3m (irrespective of height).However, for minor RCC elements like lintels, chajja etc., and slabs at height than 3m from the support approved ballies may be used.the rate quoted for formwork shall be inclusive of providing steel props/bracings/ballies as the case may be for centering.
9. For cement concrete works M-20 and above grade design mix should be adopted. The design mix details should be furnished by the contractor to Engineer-in-Charge well in advance and should be got approved in time so that design mix details are available for adoption for all works in time. Reasonable time should be available for approval of Design mix by Engineer-in-Charge from the date of submission of the proposal. It is the responsibility of construction agency to submit design mix proposals in time whenever approval for design mix is required.
10. Wherever the Brand names of materials or equivalent are stipulated, the material of Brand names only shall be incorporated in the work. The equivalent material shall be permitted only on production of documentary evidence that the materials of brand names stipulated are not under production.
11. No working space shall be considered beyond the width of the foundation concrete shown in the drawings. The contractor shall consider working space if required while quoting the rate. The quoted rate shall include the quantity of earthwork to be done for working space if required and also for refilling the foundation. For payment, the measurement shall be restricted only to the foundation width shown in the drawings. No extra shall be permitted and measured for payment on account of working space/battering/benching for excavation and refilling around foundation.
12. The brand name/local names specified are meant for the approved quality available in the region.
13. White cement wherever specified for items shall be of Birla White or equivalent.
14. Maximum permissible moisture contents in timber as per IS 287 of 1960 shall not exceed 12%

15. The newly laid cement concrete floor shall be protected with a layer of gypsum/POP(Plaster of Paris). This shall be done irrespective of whether mention has been made in the individual flooring items or not at no extra cost.
16. Plaster mix specified is for **cement: fine sand**. Fine sand shall be used for internal plastering work requiring smooth finish.
17. The wording “more coats” indicate the additional coats to be painted, where the desired finish has not been achieved after the application of the specified number of coats given. No extra payment will be made for the additional coats required to be rendered on account of the above.
18. For plastering items, the rate to include cost of providing 6mm grooves around doors, windows, ventilators and at junction of dissimilar materials. No extra payment is admissible.
19. All the RCC faces like beams, slab, lintels, columns flush with internal or external wall faces are plastered with CM 1:4 and measured under wall plastering and not under items of CM 1:3 for RCC surfaces.
20. Concrete cover blocks with a mix same as that of a particular RCC members (Mix shall not be leaner than M-25) using coarse aggregate of 6 to 10mm with best wooden/steel moulds to the thickness of 10mm shall be used. The sample cover blocks may also be tested periodically to ascertain the strength before incorporating the same in the work.
21. All chemicals such as water proofing compound, paints, chemicals for anti termite treatment and other such chemicals required for the work under various items of schedule should be procured in full quantity to ensure correct consumption.
22. The successful tenderer shall co-ordinate with all other services contractor so as to ensure that all the associated works are completed as per schedule.
23. All construction workers/labourers, staff at site shall be provided with necessary personal protecting equipments such as safety helmets, safety shoes with steel capped toes, hand gloves, safety belts, etc. Safety requirements are to be provided as per standard practices and norms.
24. The contractor shall ensure that the work is not hampered during monsoon. He shall make suitable arrangements by way of necessary shelter with damp proof material spreading over the area under construction to enable activities like excavation, etc., for foundation and the like to continue without requiring any stop over due to rain. Temporary access roads with required shall also be maintained by the contractor throughout the construction period such that even during monsoon the work is not hampered. No extra payments will be admissible.
25. Rates quoted should include all taxes like ST on works contract, VAT/ST, IT, Service taxes, CESS etc.
26. Watering and maintenance of grown grass including supply of good earth if required should be carried out continuously for 30 days or more till the grass forms a thick lawn free from weeds, etc. No extra payment will be made for the same.
27. Contractor shall make his/their own arrangements for electricity required for the work and nothing extra will be paid for the same.

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SCHEDULE OF QUANTITIES

Item No.	Description of items	Unit	Qty.	Rate to be quoted in figures & words	Amount (₹)
1	Trenching in ordinary ordinary soil up to a depth of 60cm including removal and stacking of serviceable materials and then disposing of by spreading and neatly levelingand making up the trenched area to proper levels by filling with earth or mixed with manure before and after flooding trench with water.	Cum	722.70		
2	Supplying and stacking of good earth at site including royalty and carriage upto 1 km(earth measured in stacks will be reduced by 20% for payment)	Cum	481.80		
3	Supplying and stacking at site dump manure from approved source, including carriage upto 1 km(manure measured in stacks will be reduced by 8% for payment)				
3.1	Screened trough sieve of I.S. designation 20mm	Cum	361.50		
3.2	Screened trough sieve of I.S. designation 16mm	Cum	250.00		
3.3	Screened trough sieve of I.S. designation 4.75mm	Cum	180.70		
4	Rough dressing the trenched ground including breaking clods.	100Sqm	1204.50		
5	Uprooting weeds from the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.	100Sqm	1204.50		
6	Fine dressing the ground.	100Sqm	1204.50		
7	Spreading of sludge, dump manure or/ and good earth in required thickness.	Cum	361.50		
8	Mixing earth and sludge or manure in proportion as specified or directed.	Cum	361.50		
9	Grassing with 'Doob' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for mowing including supplying good earth if needed.				
9.1	In rows 15 cm apart in either direction.	100Sqm	1204.50		
9.2	In rows 7.5 cm apart in either direction.	100Sqm	1204.50		
9.3	In rows 5 cm apart in either direction.	100Sqm	1204.50		
	TOTAL =				

Rupees.....

.....) only

FOR OFFICE USE ONLY:

No. of Corrections:

No. of Additions:

No. of Over writings:

Signature of Tenderer.