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**E-QUOTATION DOCUMENT FOR PROVIDING LANDSCAPING
WORKS AT THE ENTRANCE OF THE APPROACH OF GOI JETTY**

Website:www.tenderwizard.com/CoPT

CHIEF ENGINEER'S OFFICE

COCHIN PORT TRUST

COCHIN-682009

QUOTATION No.T10/GoI-Landscaping/2019-C

1.GENERAL CONDITIONS

1. The work consists of “**Providing Landscaping works at the entrance of the Approach of GoI Jetty**” and the scope of works includes the following:
 - i. Clearing the area .
 - ii. Digging holes and refilling the same with the good earth mixed with manure or sludge etc. for planting plants.
 - iii. Supplying of good earth, manure etc., mixing, spreading etc.
 - iv. Supplying and planting plants and grass.
 - v. Maintenance of the landscaped area by watering, removing weeds, providing manure etc and plants, during Defects Liability Period of 3 (three) months from the date of completion of the Work at no extra cost.
2. The bidders need to obtain the one time User ID & password for log-in to e-tendering Portal www.tenderwizard.com/COPT from the service provider M/s. KEONICS by paying registration amount of Rs.1124/- through online Payment using Credit/Debit Card/Net banking or DD in favour of “KSEDCL, Bangalore”.
3. The intending bidder must have valid Class-II or III digital signature certificate to submit the bid. For further details, please contact e-Tender Help Desk No. 080-40482000/ 080-49352000/ 9746118529/ 9605557738.
4. e-Quotations are invited only from the Registered contractors of Cochin Port.
5. The Quotation document will be available as two separate files in the e-quotation Portal; containing the following:
 - i) Quotation Notice & General Conditions.
 - ii) Schedule of Quantities of Work.
6. Both 5(i) & filled in 5(ii) above shall be submitted “Online” only. The name and address of the quotationers shall be necessarily entered in the space provided in the Schedule of Quantities of Work.
7. The Quotationer shall inspect the site before submitting the quotation in order to make them fully aware of the site and its conditions.
8. The work shall be completed within 30 days from the date of receipt of work order.
9. The Engineer-in-Charge of the work (Engineer’s Nominee/ Nominee) shall be Exe. Engineer (CP).
10. Payments will be made online after completing the work to the entire satisfaction of the Engineer-in-Charge and also after deducting the taxes prevailing in force at the time of payment of bills.
11. Water : Water, required for planting carpets / trees / plants and watering for the same shall be provided by Govt. of India free of cost.

12. The rate/percentage quoted shall be excluding Goods & Service Tax (GST).
13. The Quotationer shall have valid GST Registration number. GST as applicable for the work will be paid extra by the Port. The GST applicable as per law can be billed on the Port Trust, which will be paid to the Quotationer by the Board along with the bills, for which the Quotationer shall hold valid GST Registration number.
14. All materials, tools, plants and equipments required for completing the work shall be provided by the Quotationer at his own cost. All materials required for the work shall be got approved by the Engineer-in-Charge before using in the work. Any tools or accessories which may not be specifically mentioned in the specification but are usual or necessary as per good industry practice, shall be provided by the Quotationer without extra cost to the Port. All works shall be carried out as per relevant ISS.
15. All labour, skilled or unskilled for the work shall be provided by the Quotationer at his own cost and settling any disputes with the labour shall be, Quotationer's responsibility.
16. All care and precautionary measures for avoiding any kind of damage/ accidents in the work site shall be taken by the Quotationer. All safety precautions shall be taken while carrying out the work. The Quotationer shall supply the necessary safety equipments to the workers employed by him and also ensure that they use it, while carrying out the work. The Quotationer shall be solely liable and responsible for accidents if any, occurring during the period of Contract.
17. The work shall be completed without causing any damage to the existing structures/cables etc. In case any damage is caused, the same has to be rectified at Quotationer's risk and cost.
18. The Port will in no way be responsible for any loss/damages caused in connection with the work.
19. The quantities specified in the schedule of quantities of work are only approximate and shall be increased or decreased at the discretion of the Engineer-in-Charge according to actual requirements. Payment will be made as per actual measurements, according to the percentage quoted.
20. Quotations shall be valid for a period of 60 days from the due date of submission of quotation.
21. Completion Period: The whole work shall be completed within 30 days from the date of receipt of work order. In case the Quotationer is not permitted to carry out the work due to some problem from Employer's side, he should maintain a record of such time lost, duly counter signed by the Engineer-in-Charge and this period will not be included while determining the delay in completion period. In case the works are not completed within the specified completion periods due to any fault of the Quotationer, it will be considered as a breach of contract and the Quotationer will not be considered for any other work in future.
22. Liquidated Damages: In case of delay in completion of the contract, liquidated damages (L.D) may be levied at the rate of half percent (½%) of the Contract

Price per week of delay, subject to a maximum of 10% of the Contract Price. The amount of Liquidated Damages can be adjusted or set-off against any sum payable to the Quotationer.

23. Defects Liability Period: The defects liability period for the work shall be 3 months from the date of completion of the work. In the event of any defect/ deficiency being noticed during the period, which is attributable to the defective materials/design/ workmanship, the Quotationer shall make good the same at his cost.
24. Security Deposit: Security deposit @ 5% of Contract Price shall be recovered from the Quotationer's bill. The amount towards Security Deposit so deducted will be released only after successful completion of the defect liability period, subject to certification from the Engineer-in-Charge.
25. Execution of Agreement: The successful Quotationer will be required to execute within 5 days from the date of receipt of work order, an agreement at his expense on proper value Kerala State Stamp Paper in the prescribed departmental form, consisting of the work order issued to the Quotationer, together with the Quotation submitted by him including General Conditions, for the due and proper fulfilment of the contract.
26. Till signing of agreement, the Quotation together with the acceptance letter shall constitute a binding contract between the Quotationer and Cochin Port.
27. The Contractor shall comply with all the provisions of the Indian Workmen's Compensations Act, Public Liability Policy, Provident Fund Regulations, Employees Provident Fund and ESI Act etc. amended from time to time and rules framed there under and other laws affecting the Contract labour that may be brought in to force from time to time.
28. The Contractor shall be registered under EPF and ESI act and the employees employed under them shall be covered in the EPF and ESI Scheme, if required as per applicable rules. The Contractors shall regularly remit, the Employer & Employee contribution to the authorities in such cases. If not, the Dept. would be required to remit the same and the amount so remitted shall be deducted from the part/ final bill of Contractors.

SIGNATURE OF QUOTATIONER

2.SPECIFICATIONS FOR MATERIALS

1. GENERAL

- 1.1. Except where otherwise specified or authorized by the Engineer-in-Charge, materials supplied by the contractor shall conform to the latest edition of the Indian Standard Specifications and code of practices published by the Indian Standard Institution. Samples of materials to be supplied by the contractor shall be shown to the Engineer-in-Charge sufficiently in advance for approval of its quality for use on the work.
- 1.2. All materials supplied shall be stored appropriately to prevent deterioration/ damage from any cause what so ever and to the entire satisfaction of the Engineer-in Charge.
- 1.3. The materials required for the work shall be brought to the site and stacked at the places shown by the Engineer-in-Charge and the same shall be got approved for use in work sufficiently advance so that the progress of the work is not affected by the supply of materials.
- 1.4. Payment for the materials supplied, shall be given only after they are used on the work.
- 1.5. Tolls are payable by the contractor as per rules for vehicles using the Port's road for supplying the materials.

2. RED EARTH

- 2.1. Red earth (Laterite gravel) shall be of good quality (top fertile soil) free from clods, stones, roots and thoroughly free from dirt or an foreign materials and suitable for gardening.
- 2.2. The earth shall be stacked at site in stacks not less than 50cm. high and of volume not less than 3.0 m³. The volume of the stacks shall be reduced by 20% for voids before payment, unless otherwise described.

3. MANURE / SLUDGE

- 3.1. The manure / sludge shall be Farm Yard Manure, Stearameal, Neam Cake, Coco Peat etc.
- 3.2. It shall be transported to the site in Lorries with sufficient arrangement to prevent spilling enroute. It shall be stacked at site. Each stack shall not be less than 50cm. height and volume not less than 3.0 m³. The volume of the stack shall be reduced by 8% for looseness in stacking and to arrive at the net quantity for payment.

4. GRASS

- 4.1. The grass shall be Mexican Grass free from diseases, fungus, weeds etc. The grass may be supplied in mat.
- 4.2. The cost of supplying and stacking of grass shall be paid after the work of grassing is completed and for the finished landscaping area.

5. PLANTS

- 5.1. The plants should be as per following specifications
- a) The plants should be full of fresh and healthy foliage.
 - b) The plants should be free from insect, pest and disease.
 - c) The plants should be healthy and vigorous growth.
 - d) The plants should be well settled and should not be newly shifted.
 - e) The plants should be true to the variety and named variety should be tagged.
 - f) The plant should be well stabilized and good spread.
 - g) The flowering plants should also have proper flowering and should be true to the variety.
 - h) All plant should have the tendency of growth and should not be stunted type.
- 5.2. All the plants / grass shall be transported carefully without any damages to site and placed at locations without obstructing the pedestrians etc. The damaged plants, if any, shall be replaced without any objection at the cost of the Contractor.
- 5.3. All plants / grass brought to site for planting shall be secured and taken care / protected by the Contractor. Watering / manuring / nursing etc. required till planting of the same will be under the risk and scope of the Contractor and no extra claim on this account will be entertained.
- 5.4. After planting of plants / grass, the Contractor is required to water the same during the tenancy of contract including the Defect Liability Period and ensure that no plants are dried out. If any plants / shrubs / grass are dried out after planting and which is within the tenancy of contract including the Defect Liability Period, the Contractor has to replace the same at his cost.
- 5.5. The decision of the Engineer-in-Charge will be final with regard to the quality and size of plants / grass as mentioned in the Schedule of Quantities. If the Contractor is desirous to produce samples of the plants / grass proposed for approval, the same may be produced to the Engineer– in– Charge at the cost of the Contractor. If in case the required quality and size is not met, the Engineer-in-Charge at his discretion rejects the items and the Contractor has to replace the same at his cost.
- 5.6. The rejected plants / materials shall be removed from site without causing hindrance immediately at the cost of the Contractor.

6. MATERIALS NOT SPECIFIED

All materials not herein detailed and fully specified but which may be required for use on works, shall be subjected to the approval of the Engineer-in-Charge without which they shall not be used anywhere in the permanent works

SIGNATURE OF QUOTATIONER

3.DETAILED SPECIFICATIONS FOR ITEMS OF WORKS

1. GENERAL

- 1.1. Except where otherwise specified or authorized by the Engineer-in-Charge, materials supplied by the contractor shall conform to the latest edition of the Indian Standard Specifications and code of practices published by the Indian Standard Institution. Samples of materials to be supplied by the contractor shall be shown to the Engineer-in-Charge sufficiently in advance for approval of its quality for use on the work.
- 1.2. All materials supplied shall be stored appropriately to prevent deterioration/ damage from any cause whatsoever and to the entire satisfaction of the Engineer-in-Charge.
- 1.3. The materials required for the work shall be brought to the site and stacked at the places shown by the Engineer-in-Charge and the same shall be got approved for use in work sufficiently in advance so that the progress of the work is not affected by the supply of materials.
- 1.4. Payment for the materials supplied, shall be given only after they are used on the work.
- 1.5. Tolls are payable by the contractor as per rules for vehicles using the Port's road for supplying the materials.

2. LANDSCAPING WORKS

- 2.1. Landscaping operations shall be started on ground previously levelled and dressed to required formation levels and slopes. In case where unsuitable soil is met with, it shall be either removed or, replaced or it shall be covered over to a thickness decided by the Engineer-in-Charge with good earth. In the course of excavation or trenching during horticultural operations, any walls, foundations, etc. met with shall not be dismantled without pre-measurement and prior to the written permission of the Engineer-in-Charge.

3. DIGGING HOLES FOR PLANTING TREES / PLANTS

- 3.1. Holes of circular shape in ordinary soil shall be excavated to the dimensions described in the Schedule of Quantities and excavated soil broken to clods of size not exceeding 75 mm in any direction, shall be stacked outside the hole. Stones, brick bats, unsuitable earth and other rubbish, all roots and other undesirable growth met with during excavation shall be separated out and unserviceable material removed from the size as directed. Useful material, if any, shall be stacked properly and separately. Good earth in quantities as required to replace such discarded stuff shall be brought and stacked at site by the Contractor which shall be paid for separately. The holes shall be manured with powdered manure / sludge and shall be uniformly mixed with the excavated soil after the manure has been broken down to powder, (size of particle not be exceeded 6 mm in any direction) in the specified proportion and the mixture shall be filled in to the hole up to the level of adjoining ground and then profusely watered and enable the soil

to subside. The refilled soil shall then be dressed evenly with its surface about 50 to 75 mm below the adjoining ground level or as directed by the Engineer-in-Charge.

- 3.2. The rate shall include the cost of all the labour and material involved in all the operations described above, excluding the cost of supply and stacking the requisite quantity of manure / sludge, good earth if any used.

4. MIXING OF GOOD RED EARTH AND MANURE / SLUDGE

- 4.1. The stacked red earth shall, before mixing, be broken down top particle of sizes not exceeding 6 mm in any direction. Good earth shall be thoroughly mixed with sludge or manure in specified proportion of 2:1 or 1:1, as the case may be or as directed by the Engineer-in-Charge.
- 4.2. The quantity of good earth and sludge or manure mixed shall be determined by the difference in the volume of good earth, sludge or manure in stack, before and after spreading duly accounted for voids and looseness in stack.
- 4.3. The rate shall include the cost of all labour and materials involved in all the operations described above, but does not include the cost of good earth, sludge or manure which shall be paid for separately.

5. SPREADING GOOD RED EARTH AND MANURE / SLUDGE

- 5.1. Good red earth mixed with sludge or manure as above shall be spread evenly over the surface to the thickness ordered by the Engineer-in-Charge. It shall be spread with a twisting motion to avoid segregation and to ensure that spreading is uniform over the entire area.
- 5.2. The rate shall include of all the labour and material involved in all the operations described above, but does not include the cost of the good earth, sludge or manure which shall be paid for separately.

6. GRASSING WITH MEXICAN GRASS

- 6.1. The surface to provide grass shall be cleared by removing weeds or other vegetation and disposed off. The soil shall then be loosened by turning over the top layer containing weeds etc. and bringing the lower layer of good earth to form a proper medium for grassing, regrassing, hedging and shrubbery.
- 6.2. The ground shall be levelled and rough dressed and if there are any hollows and depressions resulting from subsidence which cannot be so levelled, these shall be filled properly with good earth brought from outside to bring the depressed surface to the level of the adjoining land and to remove discontinuity of slope and then rough dressed again. The quantity of good earth used for filling and leveling the area, if any, shall be measured and paid separately under the item of supply of good earth.
- 6.3. The area from where the grass roots are to be obtained shall be specified by the Engineer-in-Charge at the time of execution of the work and no royalty shall be charged on this account from the Contractor. Grass is to be arranged by Contractor.

- 6.4. The soil shall be suitably moistened and then the operation of planting grass shall be commenced. Dead grass and weeded shall not be planted. The Contractor shall be responsible for watering and maintenance of levels and the lawn for 3 months.
- 6.5. During the defect liability period, any irregularities arising in ground levels due to watering or due to trampling by labour, or due to cattle straying thereon, shall be constantly made up to the proper levels with earth as available or brought from outside as necessary. Constant watch shall be maintained to ensure that dead patches are replanted and weeds are removed.
- 6.6. The rate shall include of all the labour and material involved in all the operations described above, including supply of the requisite quantity of good earth and grass so needed for properly maintaining the levels of the lawns.

SIGNATURE OF QUOTATIONER