

GOVERNMENT OF KERALA
Government of Kerala

O/o, Regional Project Director,
Regional Project Management Unit Kannur KRWSA

No : KRWSA-KNR/27/2023-2024/RT

Dated: 05-06-2026

NOTICE INVITING RETENDER

e-Government Procurement (e-GP)

RE TENDERNO.: KRWSA-KNR/27/2023-2024/RT

The Regional Project Director, **Government of Kerala, (OEO)** O/o Office of the Regional Project Director, Regional Project Management Unit Kannur KRWSA for and on behalf of the Executive Director-KRWSA invites online bids for the work detailed below from the Registered Bidders of Kerala PWD or from any State or Central Government Engineering Departments which are having similar functionalities like Kerala PWD.

1	Name of Work	Water Quality Mitigation to WSS - 2023-24 – PRESSURE SAND FILTER REFILLING IN PADANNOTTE WSS IN MUNDERI GP and PRESSURE SAND FILTER /IRP of Dual Media filter at Moilothara WSS in Maruthomkara GP – Kannur and Kozhikode District
2	Location of Work	Kannur & Kozhikkode
3	Estimated Cost of Work	Rs.5,50,054/-
4	Brief Description of Work	Padannott WSS of Munderi GP in Kannur District Filling of existing Pressure sand filter (PSF) of dual media filter with Silex 12mm& 6mm, Course sand, special grade fine sand/quartz sand, Anthracite/activated carbon, pebbles and Katalogs/MnO2/Birm only after removal of old filter media in the filter unit system and cleaning the unit. Surface cleaning and painting the vessel with epoxy paint two coats over two coat of primer finishing with synthetic enamel paint. Unit to be provided with best quality ISI marked 40NB flanged SS motorised valve for easy backwashing, rinsing & filtering with all necessary high quality filter media with sufficient capacity capable of removing turbidity of water two times as per the water quality test report of 1.8 NTU & 0.54 mg/L which is over the permissible limit as per

	<p>BIS drinking water quality standard. The life period of the filter media supplied should be of minimum 3 years. All cleaning, filling with filter media, all plumbing works by connecting to existing pumping main with suitable size and specials required to deliver water reservoir to existing pump. Including service charge and transportation charge for filter media replacement (cleaning, safely removing, replacing) etc. complete. Total amount comes to 296000/-</p> <p>Moilothara WSS of Maruthomkara GP in Kozhillode-Design Supply and installation, Trial run and Commissioning (based on site conditions and as directed by the Engineer in Charge) of Pressure sand FILTER/IRP of Dual Media filter-Anthracite and special grade fine sand /quartz sand silex and pebbles for Maruthomkara GP Moilothara WSS WITH Suitable Technology option using Mild steel PRESSURE Vessel with FRP lining, Butterfly valves with complete base media and shall be complete with face piping ,fittings valves filter media, under bed plate fitted with strainer pressure gauges cocks .manhole hand hole air vent system manufactured with good engineering, practice having minimum thickness of 5mm with manhole and cover for easy inspection and an opening provision for media removing arrangement at bottom side with dummy arrangement and painting the vessel with epoxy paint two coats over two coat of primer finishing with synthetic enamel paint capable of discharging water at 6000 LPH with a capacity to withstand the operating head of 120 m with best quality ISI MARKED Butterfly valves for easy backwashing rinsing and filtering with all necessary high quality filter media with sufficient capacity capable of removing Turbidity of water two times as per the water quality test report of 4 NTU TO THE PERMISSIBLE LIMIT AS PER BIS drinking, water quality standard .All auxiliary including fittings nuts and bolts shall be made of MS with epoxy paint. The filter may be installed in the pumping main /Distribution main near tank site in order to make the operation and maintenance easy. The life period of the filter media supplied should be of minimum 3 years and the total head loss due to PSF SUPPLIED SHOULD NOT BE MORE THAN 4M . The PSF SHOULD BE DESIGNED with a capacity to withstand 1.5 times of the above given parameters of discharge and head. The technical details of the filter unit including the complete dimensions and type of filter media used shall be annexed and include the Flow diagram, Submitting Water quality test report from KWA after</p>
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		<p>commissioning of the Scheme, submitting of Operation and Maintenance manual with guidelines for troubleshooting shall also be provided and including water quality test and Labelling. The GP OFFICE BEARERS shall be given Training for the Operation and MAINTENANCE of the Plant. All civil mechanical and plumbing works by connecting to the existing pumping main with suitable size and specials required to deliver water reservoir to the using existing pump Operation and maintenance manual with guidelines for troubleshooting shall also be provided after commissioning of the filter. (2 Nos) Housing for filter units The housing arrangements should be as follows</p> <ul style="list-style-type: none"> *The columns shall be on RCC foundations *Height of roof to be based on plant, and provide sloping roof *Rafters and purlins *Pre coated sheets of 0.5mm thickness to cover from top sheet only *All other sides shall be covered with mesh wire cage (size 1"x1" with gauge 1/8" fitted in angle iron 35x35x5MM duly painted with good quality paint)with a suitable opening having locking arrangement. The floor shall consist of 40mm thick concrete, The finished floor level of the treatment plant should be as per site condition with minimum of 60 cm higher than the natural ground level. The plinth protection shall be 0.15m higher than the Natural level ie the floor level of the water treatment plant will be 0.45m above plinth protection. A 1.0m wide plinth protection sloping to outside with cement concrete/interlocking pavers mix M135 with a thickness of 50 mm shall be provided all round the shed foundation. Suitable /necessary foundation for pumps and filters shall be provided.
5	Bid Security	Rs.13,751/-
6	Bid Submission fee (Tender fee)	Rs.1100/-
7	Period Of Completion	0 Days 6 Months 0 Years
8	Classification of Bidder	CIVIL-D
9	Last date and time for submission of bids	15-06-2026 at 6:00 pm
10	Date and time of opening of tender	17-06-2026 at 11:00

Bid documents including the Bill of Quantities (BoQ) can be downloaded free of cost from the e-Government Procurement (e-GP) Website www.etenders.kerala.gov.in. All bid documents are to be submitted online only and in the designated cover(s)/ envelope(s) on the e-GP website. Tenders/ bids shall be accepted only through online mode on the e-GP website and no manual submission of the same shall be entertained. Late tenders will not be accepted. A bid submission fee shall be remitted online during the time of bid submission.

Price Bid shall only be submitted through online. Details regarding remittance of Bid Submission Fee and Bid Security, Bid preparation and submission are mentioned in the bid document.

The bids shall be opened online on 17-06-2026 at 11:00 at the office of the O/o Office of the Manager Technical, Regional Project Management Unit Kannur KRWSA in the presence of the Bidders /their authorized representatives who wish to attend at the above address. If the tender opening date happens to be on a holiday or non-working day due to any other valid reason, the tender opening process will be done on the next working day at same time and place.

More details can be had from the Office of the Regional Project Director, Regional Project Management Unit Kannur KRWSA during working hours.

All other existing conditions related to bidding in force in the Kerala Public Works Department will be applicable in this tender also unless expressly defined in the bidding document. The Tender Inviting Authority/Employer shall not be responsible for any failure, malfunction or breakdown of the electronic system while downloading or uploading the documents by the Bidder during the e-procurement process. Details required for e-payment (Details of bank account having core banking facility and email address of the bidder) shall be furnished along with the tender. Tenders not accompanied by these details will be rejected. All subsequent Government orders connected to tenders and any revision in the rates of taxes would also be applicable to this tender.

The Manager Technical, Government of Kerala (OEO), O/o Office of the Manager Technical , Regional Project Management Unit Kannur KRWSA reserves the right to accept or reject any or all tenders without assigning any reason thereof.

Regional Project Director
Government of Kerala(OEO)
O/o Office of the Manager Technical,
Regional Project Management Unit Kannur KRWSA
(For and on behalf of Governor of Kerala)