

**GOVERNMENT OF KERALA**

**Agriculture Department**

O/o, State Agricultural Engineer,  
Directorate of Agriculture

No :AGRI/DOA/14/2023-2024

Dated :03-06-2023

**NOTICE INVITING TENDER**

**e-Government Procurement (e-GP)**

**TENDER NO. :AGRI/DOA/TR/70/2023\_5\_1\_1/1**

The State Agricultural Engineer Agriculture Department, (AGRI)O/o Office of the State Agricultural Engineer ,Directorate of Agriculturefor and on behalf of the Governor of Kerala invitesonline bids for the work detailed below from the Registered Bidders of Kerala PWD/CentralPWD/Other Central or State Government Departments/State orCentral Public Sector Undertakings etc.who have successfully completed at least onesimilar work costing more than 40% (Forty percentage) of the estimated cost of the workwithin the last five years. A certificate to this effect from the agreement executing authority of the completed similar work shall invariably be submitted along with the tender documentsfailing which the tenders will not be accepted. The certificate should contain the details suchas name of work, agreement number, date of start and completion as per agreement,completed amount of work etc.

1	Name of Work	GENERAL-AE(2)79/2022-Lift irrigation projects for Various padashekharams in Wayanad under RIDF XXVIII-General Civil Work
2	Location of Work	Wayanad
3	Estimated Cost of Work	Rs.59791390/-

4	Brief Description of Work	<p>The Project is for providing irrigation facilities to various padashekharms in Wayanad under RIDF XXVIII Scheme. Construction of irrigation facilities for six padashekharms having total of 306.53 Ha are taken under this project. It is planned to irrigate 70 Ha of land in Panamaram Punchavayal Padasekharam, 54 Ha land in Manikkuni Pandiyattuvayal Padasekharam, 50 Ha area in Kolembetta Padasekharam, 47.3 Ha area in Valiyavattam Padasekharam, 39.73 Ha area in Padiyeri Padasekharam, and 45.5 Ha area in Varinilam Padasekharam. The basic farming is paddy in these areas and due to water stress in different areas most of the upper part of the area are converted to other farming like Banana and Arecanut. A total of 445 families holding land in the project area.</p> <p>As part of the project it is planned to provide the following infrastructures at various padashekharms included in the scheme.</p> <p>a. Panamaram Punchavayal Padasekharam It is proposed to donate the existing private pumphouse for the scheme and the farmers shared the copy of agreement paper with the office. There is a total of 70 Ha of land in Panamaram Punchavayal Padasekharam. As per prepared irrigation plan 5148m of pipe line net work is needed to provide irrigation water to each and every corner of the padasekharam without having any conveyance loss. A total of 103 nos of spouts with 65mm GI pipe will be provided along the pipe net work with an average spacing of 50m along the line. It is designed to irrigate the entire field with two days of time with two shifts per day. About 26 nos of spouts can be opened for irrigation in a shift.</p> <p>b. Manikkuni Pandiyattuvayal Padasekharam It is proposed to construct new pump house for the scheme in the available revenue land near to the bank of Kolavayal Puzha from which the water is taken for irrigation. There is a total of 54 Ha of land in Manikkuni Pandiyattuvayal Padasekharam. As per prepared irrigation plan 6240m of pipe line network is needed to provide irrigation water to each and every corner of the padasekharam without having any conveyance loss. A total of 125 nos of spouts with 65mm GI pipe will be provided along the pipe net work with an average spacing of 50m along the line. It is designed to irrigate the entire field with two days of time with two shifts per day. About 32 nos of spouts can be opened for irrigation in a shift.</p> <p>c. Kolembetta Padasekharam It is proposed to use the existing pump house for the scheme in the available revenue land near to the bank of Kolembetta Kolavayal Puzha from which the water is taken for irrigation. There is a total of 50 Ha of land in Kolembetta Padasekharam. As per prepared irrigation plan 6162m of pipe line net work is needed to provide irrigation water to each and every corner of the padasekharam without having any conveyance loss. A total of 124 nos of spouts with 65mm GI pipe will be provided along the pipe net work with an average spacing of 50m along the line. It is designed to irrigate the entire field with two days of time with two shifts per day. About 31 nos of spouts can be opened for irrigation in a shift.</p> <p>d. Valiyavattam Padasekharam</p>
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		<p>It is proposed to construct new pump house for the scheme in the available revenue land near to the bank of Valiyavattam Valiya Puzha from which the water is taken for irrigation. There is a total of 47.3 Ha of land in Valiyavattam Padasekharam. As per prepared irrigation plan 4536m of pipe line net work is needed to provide irrigation water to each and every corner of the padasekharam without having any conveyance loss. For pumping approximately 25HP submersible pumpset is required to deliver a designed flow of 44 LPS with a maximum head requirement of 22m. A total of 91 nos of spouts with 65mm GI pipe will be provided along the pipe net work with an average spacing of 50m along the line. It is designed to irrigate the entire field with two days of time with two shifts per day. About 23 nos of spouts can be opened for irrigation in a shift. Also it is proposed to construct a 14m span Vented Cross Bar across Valiyavattam Valiya Puzha to store run off water at a minimum height of 1.2m for installing submersible pumpset. The piers are proposed at a height of 3.5m to ensure free water flow during monsoon without causing flooding. The designed width of pier is 80cm. The foundation depth of pier is 1.3m and apron foundation depth is 0.55m. The total length of bed is 16.5m. The abutments will be provided with a bottom width of 1.4m and top width 0.5m. The wing walls are provided for a length of 2m. 15m of up stream and down stream is also protected with side protection wall with a height of 3m. The entire structure is proposed to construct with RCC 1:2:4 with providing minimum reinforcement of 8Kg/sqm to resist thermal expansion. The structure will benefit for both the irrigation schemes Valiyavattam and Padiyeri. It is also proposed to provide shutters with Vengai wood of 50mm thick for the VCB to ensure sufficient water stagnation in the up stream during summer periods.</p> <p>e. Padiyeri Padasekharam (Thavani Side)</p> <p>It is proposed to construct new pump house for the scheme in the available revenue land near to the bank of Valiyavattam Valiya Puzha from which the water is taken for irrigation. There is a total of 39.73 Ha of land in Padiyeri Padasekharam. The total padasekharam is splitted in to two parts for irrigation purpose. As per prepared irrigation plan 4026m of pipe line network for Thavani side (39.73 Ha) is needed to provide irrigation water to each and every corner of the padasekharam without having any conveyance loss. A total of 81 nos of spouts with 65mm GI pipe will be provided along the pipe network with an average spacing of 50m along the line. It is designed to irrigate the entire field with two days of time with two shifts per day. It is designed to irrigate the entire field with two days of time with two shifts per day. About 17 nos of spouts can be opened for irrigation in a shift.</p> <p>f. Varinilam Padasekharam</p> <p>In Varinilam padasekharam the canal net work is already established through various schemes under this office. But during floods in 2019 the foot hills are slid down to damage about 90m of existing canal. Due to which the water flow through the canal net work is stopped and the existing scheme is not benefiting the farmers for</p>
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		irrigation. Therefore for it is proposed to reconstruct the canal portion to make the present infrastructure in the padashekham beneficial for irrigation. Also there exists a check dam and has no shutters for holding water. Therefore it is proposed to provide shutters for the check dam and also to provide 70m canal to convey water from check dam to the nearby paddy field. The total area of 45.5Ha in the padashekham will be brought under irrigation after completing the scheme. It is proposed to construct canals with RCC 1:1.5:3 using 20mm broken stone with an overall thickness of 15cm. The canal has a width of 65cm and height of 45cm. The foundation of canal is provided with PCC 1:4:8 using 40mm broken stone 15cm thickness.
5	Bid Security	Rs.200000/-
6	Bid Submission fee (Tender fee)	11025+(1985)GST
7	Period Of Completion	0 Days 0 Months 3 Years
8	Classification of Bidder	CIVIL-A
9	Last date and time for submission of bids	01-07-2023 at 14:00
10	Bidding procedure	Two Stage
11	Pre Bid meeting Date, time and place	Not Applicable
12	Date and time of opening of Technical Bid	03-07-2023 at 15:00

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](http://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.

The hard copies of certificates and documents, as detailed in clause 4.4 of Part-I Instructions to the Bidders, shall be submitted subsequently after online submission of bids in a separate cover by registered post/speed post before the date and time of opening of technical bid. 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 03-07-2023 at 15:00 at the office of the O/o Office of the State Agricultural Engineer, Directorate of Agriculture 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 State Agricultural Engineer, Agriculture Department (Agriculture Department) O/o Office of the State Agricultural Engineer, Directorate of Agriculture 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 State Agricultural Engineer, Agriculture Department (AGRI), O/o Office of the State Agricultural Engineer, Directorate of Agriculture reserves the right to accept or reject any or all tenders without assigning any reason thereof.



**State Agricultural Engineer**

Agriculture Department (AGRI)

**O/o Office of the State Agricultural Engineer,  
Directorate of Agriculture  
(For and on behalf of Governor of Kerala)**


V. BABU

PEN: 512348

State Agricultural Engineer  
Directorate of Agriculture

Vikas Bhavan, Thiruvananthapuram-695 033



Kerala Tenders		eTendering System Government of Kerala	
Tender Details			
		Date : 03-Jun-2023 01:51 PM	
		 Print	
Basic Details			
<b>Organisation Chain</b>	Department of Agriculture  Directorate of Agriculture		
<b>Tender Reference Number</b>	AGRI/DOA/TR/70/2023_5_1_1/1/NS		
<b>Tender ID</b>	2023_AGRI_579807_1	<b>Withdrawal Allowed</b>	Yes
<b>Tender Type</b>	Open Tender	<b>Form of contract</b>	Item Rate
<b>Tender Category</b>	Works	<b>No. of Covers</b>	2
<b>General Technical Evaluation Allowed</b>	No	<b>ItemWise Technical Evaluation Allowed</b>	No
<b>Payment Mode</b>	Online	<b>Is Multi Currency Allowed For BOQ</b>	No
<b>Is Multi Currency Allowed For Fee</b>	No	<b>Allow Two Stage Bidding</b>	No
Payment Instruments		Cover Details, No. Of Covers - 2	
<b>Online Bankers</b>	<b>S.No</b>	<b>Bank Name</b>	
	1	SBI MOPS	
<b>Cover No</b>	<b>Cover</b>	<b>Document Type</b>	<b>Description</b>
1	Fee/PreQual /Technical	.pdf	Bid security remittance details
		.pdf	Bid submission letter as per item no-1 Part-VII
		.pdf	Experience certificates as per clause 2.4 of sec-6
		.pdf	Integrity pact certificate as per item no3 PartVII
		.pdf	MoU as per item no-8 of Part-VII
		.pdf	Preliminary agreement as per item no-2 PartVII
		.pdf	Pre-qualification information in the section-VI
		.pdf	Requisition for e-payment as per item no-6 PartVII
		.pdf	Affidavit as per item no-4 Part-VII
		.pdf	Bank certificate as per clause 2.6 of Part-VI

		.pdf	Bidder valid registration certificate, PAN and GST
		.pdf	Bid documents with NIT
		.pdf	Bid submission fee remittance details
		.pdf	PQ supporting documents
		.pdf	PQ details in the attached prescribed format
2	Finance	.xls	Bill of Quantity

### Other Important Documents

S.No	Category	Sub Category	Sub Category Description	Format/File
1	Financial Details	Annual Turn Over Details	Annual Turn Over Details	
2	Financial Details	Bankers Details	Bankers Details	
3	Financial Details	Annual Turn over certificates from CA	Annual Turn over certificates from CA	
4	Financial Details	Access of Credit Facility issued by Bankers	Required in tender document in bidder file 1	
5	Financial Details	Undertaking affidavit of bidder to invest minimum cash	Required in tender document in bidder file 1	
6	Financial Details	P/L and Balance Sheet 2018-2019	P/L and Balance Sheet 2018-2019	
7	Financial Details	P/L and Balance Sheet 2019-2020	P/L and Balance Sheet 2019-2020	
8	Financial Details	P/L and Balance Sheet 2020-2021	P/L and Balance Sheet 2020-2021	
9	Financial Details	B22. P/L and Balance Sheet 2021-2022	P/L and Balance Sheet 2021-2022	
10	Financial Details	B23. P/L and Balance Sheet 2022-2023	P/L and Balance Sheet 2022-2023	
11	Litigation Details	Litigation Details	Litigation Details	
12	Machinery Details	Machinery Details	Machinery Details	
13	Machinery Details	Machinery Lease/Hire agreement copy	Machinery Lease/Hire agreement copy	
14	Man Power Details	Details of Technical Manpower Details	Details of Technical Manpower Details	
15	Miscellaneous	Work Completed Certificate Copies	Work Completed Certificate Copies	
16	Work Details	Works Completed Details	Works Completed Details	
17	Work Details	Existing Commitments Details	Existing Commitments Details	
18	Work Details	Works for which Bids submitted Details	Works for which Bids submitted Details	

### Tender Fee Details, [Total Fee in ₹ \* - 11,025]

<b>Tender Fee in ₹</b>	11,025		
<b>Fee Payable To</b>	Nil	<b>Fee Payable At</b>	Nil
<b>Tender Fee Exemption Allowed</b>	No		

### EMD Fee Details

<b>EMD Amount in ₹</b>	2,00,000	<b>EMD through BG/ST or EMD Exemption Allowed</b>	No
<b>EMD Fee Type</b>	fixed	<b>EMD Percentage</b>	NA
<b>EMD Payable To</b>	Nil	<b>EMD Payable At</b>	Nil

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<b>Work / Item(s)</b>					
<b>Title</b>	Lift irrigation projects for Various Padashekharms in Wayanad under NABARD RIDF XXVIII				
<b>Work Description</b>	Lift irrigation projects for Various Padashekharms in Wayanad under NABARD RIDF XXVIII				
<b>Pre Qualification Details</b>	Attached				
<b>Independent External Monitor/ Remarks</b>	NA				
<b>Show Tender Value in Public Domain</b>	Yes				
<b>Tender Value in ₹</b>	5,97,91,390	<b>Product Category</b>	Civil Works - Lift Irrigation Schemes	<b>Sub category</b>	NA
<b>Contract Type</b>	Tender	<b>Bid Validity(Days)</b>	120	<b>Period Of Work(Days)</b>	1000
<b>Location</b>	Wayanad Sulthan Bathery Mananthavady and Kalpetta	<b>Pincode</b>	673121	<b>Pre Bid Meeting Place</b>	NA
<b>Pre Bid Meeting Address</b>	NA	<b>Pre Bid Meeting Date</b>	NA	<b>Bid Opening Place</b>	Directorate of Agriculture Kerala
<b>Should Allow NDA Tender</b>	No	<b>Allow Preferential Bidder</b>	No		

**Critical Dates**

<b>Publish Date</b>	03-Jun-2023 03:00 PM	<b>Bid Opening Date</b>	03-Jul-2023 03:00 PM
<b>Document Download / Sale Start Date</b>	03-Jun-2023 03:00 PM	<b>Document Download / Sale End Date</b>	01-Jul-2023 02:00 PM
<b>Clarification Start Date</b>	03-Jun-2023 03:00 PM	<b>Clarification End Date</b>	01-Jul-2023 02:00 PM
<b>Bid Submission Start Date</b>	03-Jun-2023 03:00 PM	<b>Bid Submission End Date</b>	01-Jul-2023 02:00 PM

**Tender Documents**

<b>NIT Document</b>	<b>S.No</b>	<b>Document Name</b>	<b>Description</b>	<b>Document Size (in KB)</b>
		1	Tendernotice_1.pdf	Tender Notice

<b>Work Item Documents</b>	<b>S.No</b>	<b>Document Type</b>	<b>Document Name</b>	<b>Description</b>	<b>Document Size (in KB)</b>
		1	Tender Documents	FormofTender.pdf	Bid submission letter
	2	Tender Documents	IntegrityPact.pdf	Integrity pact certificate	51.34
	3	Tender Documents	PreliminaryAgreement.pdf	Preliminary agreement	81.72
	4	Tender Documents	AffidavitForm.pdf	Affidavit	35.59
	5	Tender Documents	EPAYMENTFORM.pdf	E payment	54.13
	6	Tender Documents	WYNDSBDNEW.pdf	Bid document	3179.53
	7	BOQ	BOQ_856262.xls	BoQ	357.00
	8	Tender Documents	PQAbstract.pdf	PQ details format to be filled and uploaded in Cover 1	424.67

**Bid Openers List**

<b>S.No</b>	<b>Bid Opener Login Id</b>	<b>Bid Opener Name</b>	<b>Certificate Name</b>
1.	ckmohanan1970@gmail.com	CK Mohanan	CHALILAKANDY KALLI MOHANAN
2.	babuvaxeagri@gmail.com	Babu V	V BABU
3.	prabhadevpps@gmail.com	Prabha Devi P S	PRABHADEVI P S
4.	rjayan71@yahoo.com	Jayarajan R	JAYARAJAN R



**Tender Properties**

<b>Auto Tendering Process allowed</b>	No	<b>Show Technical bid status</b>	No
<b>Show Finance bid status</b>	No	<b>Show Bids Details</b>	Yes
BoQ Comparative Chart model	Normal	BoQ Compative chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

**Tender Inviting Authority**

<b>Name</b>	State Agricultural Engineer
<b>Address</b>	Directorate of Agriculture Development and Farmers Welfare Department Vikas Bhavan Thiruvananthapuram

**Tender Creator Details**

<b>Created By</b>	Babu V
<b>Designation</b>	State Agricultural Engineer
<b>Created Date</b>	03-Jun-2023 01:15 PM