

GOVERNMENT OF KERALA

Agriculture Department

O/o, State Agricultural Engineer,
Directorate of Agriculture

No :AGRI/DOA/3/2023-2024

Dated :11-04-2023

NOTICE INVITING TENDER

e-Government Procurement (e-GP)

TENDER NO. :AGRI/DOA/TR/100/2022_12_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.60125602/-

4	Brief Description of Work	<p>The estimate 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 Panchavayal 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 Panchavayal Padshekharom 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 Panchavayal 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 padashekharom 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 Padshekharom 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 padashekharom 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 Padshekharom 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 padashekharom 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 Padshekharom</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 Padashekharum. As per prepared irrigation plan 4536m of pipe line net work is needed to provide irrigation water to each and every corner of the padashekharum 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 Padashekharum (Thavani Side) 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 Padashekharum. The total padashekharum 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 padashekharum 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. Varinilampadashekharum In Varinilampadashekharum 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>

		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 6 Months 2 Years
8	Classification of Bidder	CIVIL-A
9	Last date and time for submission of bids	12-05-2023 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	15-05-2023 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. 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.

Experience in the field of Irrigation infrastructure works, Pipe laying etc desirable

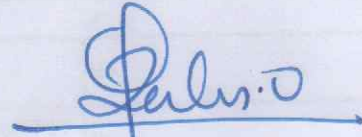
The bids shall be opened online on 15-05-2023 at 15:00 at the office of the O/o Office of the State Agricultural Engineer, Directorate of Agriculture in the presence of the Bidders /their authorized representatives who wish to attend at the above address. If the tender opening date happens to be on a 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

V. BABU
PEN: 512348

State Agricultural Engineer
Agriculture Department (AGRI)
Directorate of Agriculture

Vikas Bhavan, Thiruvananthapuram-695 033

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





Kerala Tenders

eTendering System Government of Kerala

Tender Details

Date : 12-Apr-2023 02:57 PM

Print

Basic Details

Organisation Chain	Department of Agriculture Directorate of Agriculture		
Tender Reference Number	AGRI/DOA/EST/100/2022/NS		
Tender ID	2023_AGRI_571533_1		
Tender Type	Open Tender	Form of contract	Item Rate
Tender Category	Works	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Online	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments

Online Bankers	S.No	Bank Name
	1	SBI MOPS

Cover Details. No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual /Technical	.pdf	Bid security remittance details
		.pdf	Bid submission letter
		.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
		.pdf	PQ supporting documents
2	Finance	.xls	Bill of Quantity

Other Important Documents

S.No	Category	Sub Category	Sub Category Description	Format/File
1	Certificate Details	Permanent Account Number	Permanent Account Number	
2	Certificate Details	Registration Certificate	Registration Certificate	
3	Certificate Details	Bidders Address Format	Bidders Address Format	
4	Certificate Details	Income Tax Certificate	Income Tax Certificate	
5	Certificate Details	Partnership Deed	Partnership Deed	
6	Certificate Details	Power of Attorney	Power of Attorney	
7	Certificate Details	Affidavit regarding No Near Relative working in department	Affidavit regarding No Near Relative working in department	
8	Certificate Details	Service tax registration No	Service tax registration No	
9	Financial Details	Annual Turn Over Details	Annual Turn Over Details	
10	Financial Details	Bankers Details	Bankers Details	
11	Financial Details	Annual Turn over certificates from CA	Annual Turn over certificates from CA	
12	Financial Details	Access of Credit Facility issued by Bankers	Required in tender document in bidder file 1	
13	Financial Details	Undertaking affidavit of bidder to invest minimum cash	Required in tender document in bidder file 1	
14	Financial Details	P/L and Balance Sheet 2018-2019	P/L and Balance Sheet 2018-2019	
15	Financial Details	P/L and Balance Sheet 2019-2020	P/L and Balance Sheet 2019-2020	
16	Financial Details	P/L and Balance Sheet 2020-2021	P/L and Balance Sheet 2020-2021	
17	Financial Details	B22. P/L and Balance Sheet 2021-2022	P/L and Balance Sheet 2021-2022	
18	Financial Details	B23. P/L and Balance Sheet 2022-2023	P/L and Balance Sheet 2022-2023	
19	Litigation Details	Litigation Details	Litigation Details	
20	Machinery Details	Machinery Details	Machinery Details	
21	Machinery Details	Machinery Lease/Hire agreement copy	Machinery Lease/Hire agreement copy	
22	Man Power Details	Details of Technical Manpower Details	Details of Technical Manpower Details	
23	Miscellaneous	Laboratory Equipment Details	Laboratory Equipment Details	
24	Miscellaneous	Work Completed Certificate Copies	Work Completed Certificate Copies	
25	Work Details	Existing Commitments Details	Existing Commitments Details	
26	Work Details	Works for which Bids submitted Details	Works for which Bids submitted Details	
27	Work Details	Existing Work Order Commitment	Ongoing Work Order Details with percentage of work completed	

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

Tender Fee in ₹	11,025		
Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	Yes		

EMD Fee Details

EMD Amount in ₹	2,00,000	EMD through BG/ST or EMD Exemption Allowed	Yes
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Nil	EMD Payable At	Nil

[Click to view modification history](#)

Work /Item(s)	Yes	Show Bids Details	Yes	Show Finance bid
Work Description	Lift irrigation projects for Various padashekharms in Wayanad under RIDF XXVIII			
Pre Qualification Details	Documents attached in SBD			
Independent External Monitor/Remarks	NA			
Show Tender Value in Public Domain	Yes			
Tender Value in ₹	6,01,25,602	Product Category	Civil Works - Lift Irrigation Schemes	Sub category NA
Contract Type	Tender	Bid Validity(Days)	120	Period Of Work(Days) 900
Location	Wayanad Sulthan Bathery Mananthavady and Kalpetta	Pincode	670645	Pre Bid Meeting Place NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place Directorate of Agriculture
Should Allow NDA Tender	No	Allow Preferential Bidder	No	

Critical Dates			
Publish Date	12-Apr-2023 05:00 PM	Bid Opening Date	15-May-2023 03:00 PM
Document Download / Sale Start Date	12-Apr-2023 05:00 PM	Document Download / Sale End Date	12-May-2023 02:00 PM
Clarification Start Date	12-Apr-2023 05:00 PM	Clarification End Date	12-May-2023 02:00 PM
Bid Submission Start Date	12-Apr-2023 05:00 PM	Bid Submission End Date	12-May-2023 02:00 PM

Tender Documents					
NIT Document	S.No	Document Name	Description	Document Size (in KB)	
	1	Tendernotice_1.pdf	Tender Notice	67.16	
Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	IntegrityPact.pdf	Integrity pact certificate	51.34
	2	Tender Documents	PreliminaryAgreement.pdf	Preliminary agreement	81.72
	3	Tender Documents	AffidavitForm.pdf	Affidavit	35.59
	4	Tender Documents	EPAYMENTFORM.pdf	E payment format	54.13
	5	Tender Documents	SBD.pdf	Standard Bid Document	1911.23
	6	BOQ	BOQ_843899.xls	BoQ	357.00

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

Tender Properties			
Auto Tendering Process allowed	No	Show Technical bid status	Yes

Show Finance bid status	Yes	Show Bids Details	Yes
BoQ Comparative Chart model	Normal	BoQ Compartive chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

Tender Inviting Authority

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

Tender Creator Details

Created By	Babu V
Designation	State Agricultural Engineer
Created Date	12-Apr-2023 02:12 PM

Critical Dates

Bid Submission Start Date	12-Apr-2023 08:00 PM	Bid Submission End Date	12-May-2023 03:00 PM
Clarification Start Date	12-Apr-2023 08:00 PM	Clarification End Date	12-May-2023 05:00 PM
Document Download / Sale Start Date	12-Apr-2023 08:00 PM	Document Download / Sale End Date	12-May-2023 05:00 PM
Publish Date	12-Apr-2023 08:00 PM	Bid Opening Date	12-May-2023 03:00 PM

Tender Documents

S.No	Document Name	Description	Document Size (in KB)
1	Tender Notice	Tender Notice	87.16
2	BOQ	BOQ	357.00
3	Standard Bid Document	Standard Bid Document	1911.53
4	E payment form	E payment form	84.13
5	Amendment	Amendment	35.59
6	Preliminary agreement	Preliminary agreement	81.73
7	Integrity pact certificate	Integrity pact certificate	51.34

Bid Opener List

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	ckmohan1270@gmail.com	CK Mohan	CHALAKANDY KALLI MOHAN
2.	babuvaxs@gmail.com	Babu V	V BABU
3.	prabadevi@gmail.com	Prabha Devi P S	PRABHADEVI P S
4.	jayant@vsnl.com	Jayant R	JAYARAN R

Tender Properties

Auto Tendering Process allowed	No
Show Technical bid status	Yes