

TENDER DOCUMENT

for

CIVIL WORK FOR GROUND WATER RECHARGE ACTIVITIES AND SUPPLY OF INSTRUMENT IN DISTRICT MANSEHRA, KHYBER PUKHTUNKHWA

Last Date for Submission: 18th April, 2024 (12:00 PM)

Pakistan Council of Research in Water Resources (PCRWR) Plot # 31-32, Sector: E-8, Main Double Road, Phase-7, Hayatabad, Peshawar, Pakistan Ph: +92-91-9219000

GENERAL INFORMATION ABOUT THE CONTRACTOR/FIRM

Name of Firm:
Main Line or Business:
Type of Organization:
National Tax Number:
General Sales Tax Number:
Status of Active Tax Payer:
Registration No. with PEC:
Phone No(s):
Mailing address:
Fax NoEmail:
Contact person:

SIGNATURE & SEAL OF CONTRACTOR/FIRM

TERMS AND CONDITIONS

1. GENERAL

The sealed bids are required from the firms/companies registered with Income/Sales Tax departments who are on active tax payers list of FBR or Khyber Pakhtunkhwa Revenue Authority established under the Khyber Pakhtunkhwa Finance Act 2018 (Khyber Pakhtunkhwa Act, XXI of 2013) as well as valid registration for year 2023-24 with Pakistan Engineering Council in category C-6 or above with specialization code CE-10 for civil works (Sr # 1-3), construction of Gabion structures, ponds, recharge wells, gabion, drilling, installation of piezometers etc.

- i. However, for Instrumentation component (Sr# 4), the firms/companies having relevant experience and completion of successful projects at their profile, registered with Income/Sales Tax departments who are on active tax payers list of FBR or Khyber Pakhtunkhwa Revenue Authority established under the Khyber Pakhtunkhwa Finance Act 2018 (Khyber Pakhtunkhwa Act, XXI of 2013) as well as valid registration for year 2023-24 are eligible for participation.
- ii. These tender covers two components as follows.
 - Civil work (Sr# 1-3) and
 - Instrumentation (Sr# 4).

The said work will be executed in district Mansehra. The firms /companies are required to submit sealed bids for each component with the following terms and conditions:

- iii. The bidder has to submit earnest money equal to 2% of the total amount of bid(s) in the form of demand draft/pay order in favor of the Director (In charge), WRRC, Peshawar. Unsealed bids or without earnest money would be rejected out rightly. In case of alternate prices, earnest money will be based on the maximum quoted price of the same item(s). The Earnest Money will be forfeited if a bidder(s) withdraws his bid(s) during the period of his bid(s) validity. The earnest money of unsuccessful bidder(s) will be returned to them after evaluation of bids and award of contract. However, wining contractor's earnest money will be released after satisfactory completion of desired scope of work.
- iv. Conditional/incomplete and cutting tenders will not be accepted.
- v. Quoted price must be inclusive of all taxes having validity for 6 months from the date of tender opening.
- vi. The successful bidder would ensure that the bid is complete in all respects including construction of check structures, recharge wells and installation of piezometers etc. at specified locations.
- vii. Last date of submission of offers is **18th April, 2024** by 12:00 PM. The tenders would be opened at 02:30 PM on the same day at PCRWR, Peshawar in the presence of bidders, who may care to attend.

2. SCOPE OF SUPPLY

The bidder shall construct check structures, recharge wells and installation of piezometers etc. at specified locations. The bidder shall also be responsible for

their commissioning, repair and free service, if required, during warranty period of one year from the date of commissioning.

3. BID PRICE AND QUOTING

The bidder shall indicate, in his/her offer the unit prices inclusive of supply, transportation, installation with all taxes and total bid prices of the services/goods. Payment of any taxes, duties etc. levied before or after opening of bids by the Government shall be the full responsibility of the bidder(s) subject to prevailing regulations. The prices shall be quoted in Pakistan Rupees only. The person signing the bid shall initial all the pages of the bid(s) where entries are made. Prices charged by the supplier for goods delivered and services performed under the contract shall not exceed from the prices quoted by the supplier in its bid(s). No bid received after the prescribed deadline 18th April, 2024 by 02:00 PM) would be entertained and will be rejected without caring the reasons for delayed receipt in PCRWR, Peshawar even due to negligence of the postal/courier services etc.

4. PURCHASER'S RIGHTS

PCRWR, Peshawar reserves the right to reduce/increase the quantity, prior to award of contract, thereby evolving no financial liability whatsoever or any other obligation on the part of PCRWR from the side of bidders. No other sub-office (outfit) of PCRWR is authorized to collect bid(s), only **PCRWR Peshawar**, located at **Plot # 31-32, Sector: E-8, Phase-7, Hayatabad, Peshawar** is authorized to do so.

5. CONVERSING

No bidder shall contact Engineer/Employer on any matter relating to its bid from the time of the bid opening to the time the bid evaluation result is announced by the Employer. The evaluation result shall be announced at least one week prior to award of Contract. Any effort by a bidder to influence Engineer/Employer in the bid evaluation, bid comparison or Contract Award decisions may result in the rejection of his/her bid. Whereas, any bidder feeling aggrieved may lodge a written complaint not later than one week after the announcement of the bid evaluation result, however, mere fact of lodging a complaint shall not warrant suspension of procurement process.

6. PERFORMANCE GUARANTEE

The bidder shall construct civil work i.e. gabion structures, recharge wells/ inverted wells and installation of piezometers etc. at specified locations for rainwater harvesting and groundwater recharge and for its free repair services (if required, during the performance guarantee period of one year, starting from the date of completion of works & full commissioning of the systems). The successful bidder(s) is/are required to furnish a performance guarantee in the shape of a demand draft or a CDR, equivalent to 10% of the total contract amount at the time of payment on work completion. Performance guarantee/security will be forfeited in case of failure to successfully complete the performance period of the structures built. The withheld performance security will be returned after successful completion of the guarantee period.

7. SPECIFIED TERMS

The bidder shall complete the aforementioned works within two (2) months from the date of issuance of work order by PCRWR, Peshawar. A penalty @ 0.01%

of the quoted price per day will be charged after expiry of the said period. Work order can be canceled after an extended period of **30 days** from the expiry of first supply order and earnest money will be forfeited.

8. MODE OF PAYMENT

No advance payment will be made to any firm against any work order. No such demand will be entertained and failure to execute work against work order will lead to forfeiture of the earnest money and performance guarantee. Payment shall be made in the form of cross-cheque, which shall be issued, after verification of site work by the designated engineer.

9. PCRWR RESPONSIBILITY

Coordinate and collaborate with the firm about all the technical aspects of the project components.

10. EVALUATION CRITERIA

- The bids would be evaluated based upon following:
 - Technical soundness (50%)
 - 25 marks for relevant past experience
 - 25 marks for relevant manpower and machinery
 - Financial (50%)
 - Lowest price: 50 marks
 - □ 2nd lowest: 45 marks
 - □ 3rd lowest: 40 marks
 - Further lowest bidder will be ranked with 5 less marks in descending order with 10 marks being the lowest
- The bids will be evaluated separately for each component (Civil work, Sr # 1-3 & Instrumentation, Sr # 4).
- Registration with Pakistan Engineering Council with a valid registration certificate in Category C-6 or above for the year 2023-24 with specialization code CE-10 and tax department (FBR/KPRA) is a must for qualification for component Civil work, Sr # 1-3.
- The bidder will provide past performance along with supporting documents (work orders and performance certificates) and current commitments for technical scrutiny. (These may be verified by the client).
- The bidder will provide details of the relevant manpower and machinery on judicial stamp paper required to carry out the said tasks.
- The procuring agency may cancel the tender prior to award as per PPRA Rule No. 33(1).
- The representative of Project Director, PCRWR, Peshawar or his designated Field Engineer, may examine any item, equipment, material, supplies and/or services to be provided under this contract, at any time prior to expiry of this contract. He may reject or require alteration there to or replacements thereof as a condition of acceptance and its findings shall be conclusive except in regard to defects or fraud which may appear later.

• Accomplishment and/or execution of each item of work (total or a part thereof) shall be considered subject to the verification of Field Engineer designated by the Project Director, PCRWR, Peshawar for work accomplishment.

<u>Annexure-I</u>

	1. Construction of Gabion Structure Sardar Khel, Shel				l @ Darra
	I. Shekhabad, Gabion Structure				
Sr. No.	Description	Unit	Quantity	Rates	Amount (Rs)
1	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/ Gravel	Cft	1157		
2	Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire	Sft	1703		
3	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	Cft	1735		
			I	Total-l	
	II. Shekhabad, Gabion Structure	e-ll			
Sr. No.	Description	Unit	Quantity	Rates	Amount (Rs)
1	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/ Gravel	Cft	807		
2	Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire	Sft	1212		
3	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	Cft	1210		
				Total-II	
	III. Shekhabad, Inverted Well wit	h G.S	6-II		
Sr. No.	Description	Unit	Quantity	Rates	Amount (Rs)
1	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/ Gravel	Cft	288		
2	Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire	Sft	565		
3	Shrouding with graded pack gravel 3/8" (10 mm) to 1/8" (3 mm) around tubewell in bore hole complete as per specification	Rft	22		
4	Supply and spreading stone aggregate size 3/4"	Cft	87		
5	Granular Sub Base Course using Pit Run Gravel (Gravel: 1/2"-1")	Cft	166		
6	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	Cft	115		
7	Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % corings and withdrawing of pipe, complete as per	Rft	30		

	Providing a	nd installing PVC Strainer					
8	BSS Class bore hole,	"C" of approved make \ quality in tubewell including socket, special sockets, studs ete as per specification:- 6" Nominal Pipe	Rft	33			
					T(otal-III	
	IV.	Shekhabad, Piezometer with	G.S-	1			
Sr. No.	Descriptio	n	Unit	Quantity	Rate:	S	Amount (Rs)
1	"C" of appro hole, includ complete a	nd installing PVC Strainer BSS Class oved make \ quality in tubewell bore ing socket, special sockets, studs etc. s per specification:- 4" be Size (NPS) (100mm)	Rft	51			
2	soil and sol level upto 3 sinking, col	ore holes for tube well in all types of t rock except hard rock from ground 28 ft depth (0m to 100m), including lection of 100 % corings and withdrawing nplete as per specifications.: Dia of Bore) i/d	Rft	50			
3		/ation in irrigation channels/drains & to 25m. & dressing : in hingle/Gravel	Cft	4			
4		nt Concrete including placing, , finishing & curing (Ratio 1:2:4)	Cft	4			
5	Plain galva	nized iron sheet flashing, 22 guage	Sft	12			
					Тс	otal-IV	
	V.	Shekhabad, Ponding with G.	S-1&	. 11			I
Sr. No.	Descriptio	n	Unit	Quantity	Rate:	S	Amount (Rs)
1		vation in irrigation channels/drains & to 25m. & dressing : in hingle/Gravel (GS-	Cft	9600			
2		vation in irrigation channels/drains & to 25m. & dressing : in hingle/Gravel (GS-I	Cft	5550			
				I	T	otal-V	
			(Grand Total	1 (+ + +	·IV+V)	
2. Co		n of Cobion Structure nand on	d Inve	erted well	@ Fars	h Ba	zar, Khaki
	onstructio	n of Gabion Structure, pond an					
	onstructio	I. Gabion Structure, pond an					
Sr. No.	Descripti	I. Gabion Structure-I	Unit	Quantity	Rates	Amo	ount (Rs)
Sr. No. 1	Descripti Earth exc	I. Gabion Structure-I	Unit Cft	Quantity 1237	Rates	Amo	ount (Rs)
	Descripti Earth exc disposal u Provide 8	I. Gabion Structure-I on avation in irrigation channels/drains &			Rates	Amo	ount (Rs)
1	Descripti Earth exc disposal u Provide 8 4"x4" mes Supplying	I. Gabion Structure-I on avation in irrigation channels/drains & upto 25m. & dressing : in Shingle/ Gravel weave GI wire netting for wire crates	Cft	1237	Rates	Amo	ount (Rs)
1 2	Descripti Earth exc disposal u Provide 8 4"x4" mes Supplying	I. Gabion Structure-I on avation in irrigation channels/drains & upto 25m. & dressing : in Shingle/ Gravel weave GI wire netting for wire crates sh : 8 SWG wire stone and stone filling in GI wire crate	Cft Sft	1237	Rates	Amo	ount (Rs)

Description	Unit	Quantity	Rates	Amount (Rs)
Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle /Gravel	Cft	1425		
Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire	Sft	2080		
Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	Cft	2138		
			Total-II	
III. Inverted	Well	with G.S	-11	
Description	Unit	Quantity	Rates	Amount (Rs)
Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle /Gravel	Cft	288		
Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire	Sft	565		
Shrouding with graded pack gravel 3/8" (10 mm) to 1/8" (3 mm) around tubewell in bore hole complete as per specification	Rft	22		
Supply and spreading stone aggregate size 3/4"	Cft	87		
Granular Sub Base Course using Pit Run Gravel (Gravel: 1/2"-1")	Cft	166		
Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	Cft	115		
Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % corings and withdrawing of pipe, complete as per	Rft	30		
Providing and installing PVC Strainer BSS Class "C" of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification:- 6" Nominal Pipe Size (NPS) (150mm)	Rft	33		
			Fotal-III	
IV. Piezometer with	G.S-	·II		
Description	Unit	Quantity	Rates	Amount (Rs)
Providing and installing PVC Strainer BSS Class "C" of approved make/quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification:- 4" Nominal Pipe Size (NPS) (100mm)	Rft	51		
Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % corings and withdrawing of pipe, complete as per specifications.: Dia of Bore 6" (150 mm) i/d	Rft	50		
Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel	Cft	4		
	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle /Gravel Provide & weave GI wire netting for wire crates 4*x4" mesh : 8 SWG wire Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates III. Inverted N Description Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle /Gravel Provide & weave GI wire netting for wire crates 4*x4" mesh : 8 SWG wire Shrouding with graded pack gravel 3/8" (10 mm) to 1/8" (3 mm) around tubewell in bore hole complete as per specification Supply and spreading stone aggregate size 3/4" Granular Sub Base Course using Pit Run Gravel (Gravel: 1/2"-1") Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % corings and withdrawing of pipe, complete as per Providing and installing PVC Strainer BSS Class "C" of approved make \quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification:- 6" Nominal Pipe Size (NPS) (150mm) IV. Piezometer with Description Providing and installing PVC Strainer BSS Class "C" of approved make/quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification:- 4" Nominal Pipe Size (NPS) (150mm) Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % corings and withdrawing of pipe, complete as per specification:- 4" Nominal Pipe Size (NPS) (100mm) Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % corings and withdrawing of pipe, complete as per specifications:: Dia of Bore 6" (150 mm) i/d	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle /Gravel Cft Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire Sft Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates Cft III. Inverted Well Description Unit Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle /Gravel Cft Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire Sft Shrouding with graded pack gravel 3/8" (10 mm) to 1/8" (3 mm) around tubewell in bore hole complete as per specification Rft Supply and spreading stone aggregate size 3/4" Cft Granular Sub Base Course using Pit Run Gravel (Gravel: 1/2"-1") Cft Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % corings and withdrawing of pipe, complete as per Rft Providing and installing PVC Strainer BSS Class "C" of approved make/quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification:- 6" Nominal Pipe Size (NPS) (150mm) Rft Providing and installing PVC Strainer BSS Class "C" of approved make/quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification:- 4" Nominal Pipe Size (NPS) (150mm)<	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle /Gravel Cft 1425 Provide & weave GI wire netting for wire crates d"x4" mesh : 8 SWG wire Sft 2080 Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates Cft 2138 III. Inverted Well with G.S Description Unit Quantity Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle /Gravel Cft 288 Provide & weave GI wire netting for wire crates d"x4" mesh : 8 SWG wire Sft 565 Shrouding with graded pack gravel 3/8" (10 mm) to 1/8" (3 mm) around tubewell in bore hole complete as per specification Rft 22 Supply and spreading stone aggregate size 3/4" Cft 87 Granular Sub Base Course using Pit Run Gravel (Gravel: 1/2"-1") Cft 166 Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates Cft 115 Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % corings and withdrawing of pipe, complete as per specification:- 6" Nominal Pipe Size (NPS) (150mm) Rft 33 V. Piezometer with G.S-II Estr 51 </td <td>Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle /Gravel Cft 1425 Provide & weave GI wire netting for wire crates and its sewing, excluding cost of crates Cft 2138 Total-II III. Inverted Well with G.S-I Description Unit Quantity Rates Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle /Gravel Cft 288 Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire Sft 565 565 Shrouding with graded pack gravel 3/8" (10 mm) to 1/8" (3 mm) around tubewell in bore hole complete as per specification Rft 22 Supplying store and stone filling in GI wire crate and its sewing, excluding cost of crates Cft 1166 Supplying store and stone filling in GI wire crate and its sewing, excluding cost of crates Cft 115 Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % corings and withdrawing of pipe, complete as per specification- 6" Nominal Pipe Rft 33 IV Providing and installing PVC Strainer BSS Class "C" of approved make \quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification- 6" Nom</td>	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle /Gravel Cft 1425 Provide & weave GI wire netting for wire crates and its sewing, excluding cost of crates Cft 2138 Total-II III. Inverted Well with G.S-I Description Unit Quantity Rates Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle /Gravel Cft 288 Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire Sft 565 565 Shrouding with graded pack gravel 3/8" (10 mm) to 1/8" (3 mm) around tubewell in bore hole complete as per specification Rft 22 Supplying store and stone filling in GI wire crate and its sewing, excluding cost of crates Cft 1166 Supplying store and stone filling in GI wire crate and its sewing, excluding cost of crates Cft 115 Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % corings and withdrawing of pipe, complete as per specification- 6" Nominal Pipe Rft 33 IV Providing and installing PVC Strainer BSS Class "C" of approved make \quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification- 6" Nom

compacting, finishing & curing (Ratio 1:2:4)	Cft	4		
Plain galvanized iron sheet flashing, 22 guage	Sft	11		
		_	Total-IV	
V. Ponding with G	6.S-18	k II		
Description	Unit	Quantity	Rates	Amount (Rs)
Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel (GS-I)	Cft	6000		
Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel (GS-II)	Cft	7050		
			Total-V	
	Grand	Total 2 (I+I	II+III+IV+V)	<u> </u>
	Plain galvanized iron sheet flashing, 22 guage V. Ponding with G Description Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel (GS-I) Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel (GS-I) Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel	Plain galvanized iron sheet flashing, 22 guage Sft V. Ponding with G.S-1 & Description Unit Earth excavation in irrigation channels/drains & Cft (GS-I) Earth excavation in irrigation channels/drains & Cft Earth excavation in irrigation channels/drains & Cft (GS-I) Earth excavation in irrigation channels/drains & Cft (GS-I) Earth excavation in irrigation channels/drains & Cft (GS-II) Cft Cft	Plain galvanized iron sheet flashing, 22 guage Sft 11 V. Ponding with G.S-I & II Description Unit Quantity Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel (GS-I) Cft 6000 Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel (GS-I) Cft 7050	Plain galvanized iron sheet flashing, 22 guage Sft 11 Total-IV V. Ponding with G.S- I & II Total-IV Description Unit Quantity Rates Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel (GS-I) Cft 6000 Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel (GS-I) Cft 7050

3. Co	onstruction of Gabion Structure, pond Pani, Manse		nverted v	vell @ Kh	ushala Saaf				
	I. Gabion Structure-I								
Sr. No.	Description	Unit	Quantity	Rates	Amount (Rs)				
1	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/ Gravel	Cft	807						
2	Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire	Sft	1212						
3	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	Cft	1210						
			I	Total-I					
	II. Gabion S	Struct	ure-ll						
Sr. No.	Description	Unit	Quantity	Rates	Amount (Rs)				
1	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle /Gravel	Cft	754						
2	Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire	Sft	1549						
3	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	Cft	1132						
				Total-II					
	III. Gabion S	truct	ure-III						
Sr. No.	Description	Unit	Quantity	Rates	Amount (Rs)				
1	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel	Cft	726						
2	Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire	Sft	1099						

	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	Cft	1089		
				Total-III	
	IV. Inverted We	ell wit	h G.S-III		
Sr. No.	Description	Unit	Quantity	Rates	Amount (Rs)
1	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel	Cft	288		
2	Provide & weave GI wire netting for wire crates 4"x4" mesh : 8 SWG wire	Sft	565		
3	Shrouding with graded pack gravel 3/8" (10 mm) to 1/8" (3 mm) around tubewell in bore hole complete as per specification	Rft	22		
4	Supply and spreading stone aggregate size 3/4"	Cft	87		
5	Granular Sub Base Course using Pit Run Gravel (Gravel: 1/2"-1")	Cft	166		
6	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	Cft	115		
7	Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % corings and withdrawing of pipe, complete as per	Rft	45		
8	Providing and installing PVC Strainer BSS Class "C" of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification:- 6" Nominal Pipe Size (NPS) (150mm)	Rft	48		
	(Teenini)				
				Total-IV	
		neter	with G.S-		
sr. No.		neter Unit	with G.S- Quantity		Amount (Rs)
r. No. 1	V. Piezon Description Providing and installing PVC Strainer BSS Class "C" of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification:- 4" Nominal Pipe Size (NPS) (100mm)				Amount (Rs)
	V. Piezon Description Providing and installing PVC Strainer BSS Class "C" of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification:- 4" Nominal Pipe Size (NPS)	Unit	Quantity		Amount (Rs)
1	V. Piezon Description Providing and installing PVC Strainer BSS Class "C" of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification:- 4" Nominal Pipe Size (NPS) (100mm) Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % corings and withdrawing of pipe, complete as per	Unit Rft	Quantity 76		Amount (Rs)
1 2	V. Piezon Description Providing and installing PVC Strainer BSS Class "C" of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification:- 4" Nominal Pipe Size (NPS) (100mm) Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % corings and withdrawing of pipe, complete as per specifications.: Dia of Bore 6" (150 mm) i/d Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle	Unit Rft Rft	Quantity 76 75		Amount (Rs)

Sr. No.	Description	Unit	Quantity	Rates	Amount (Rs)
1 (GS- I)	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel	Cft	3600		
2 (GS- II)	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel	Cft	3600		
3 (GS- III)	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel	Cft	2700		
				Total-VI	

Rs. _____ Amount in words (Rupees) _____

Place :- _____ Date :- _____

Sign & Seal of the Tenderer

4. \$	4. Supply of Instrument for Groundwater Monitoring in Mansehra District							
S. #	Description	Unit	Rate (Rs.)	Tentative Quantity	Amount (Rs)			
4.1	Temperature Level Conductivity (TLC) Meter Stainless-Steel TLC Meter Cable: (300 ft) Outputs Pressure (Level), Temperature and Conductivity Level Accuracy: ≤0.05% F.S Temperature Accuracy: ±0.2°C Conductivity Accuracy: 1.5% F.S Signal Output: RS485 Power supply: 5VDC~30VDC	No.		1				
	Grand Total (4)							

Rs. _____ Amount in words (Rupees) _____

Place: - _____ Date: - _____

Sign & Seal of the Tenderer

LETTER OF TECHNICAL BID

Senior Research Officer (Incharge) Pakistan Council of Research in Water Resources (PCRWR) Peshawar.

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents.
- (b) We offer to execute and complete in conformity with the Bidding Documents the following Works.

Civil Work (Sr# 1-3) "Construction of check structures, recharge wells and installation of piezometers etc. at specified locations"

OR

Instrumentation (Sr# 4) "CTD Divers, Realtime/ Offline monitoring etc.

- (c) Our Bid consisting of the Technical Bid and the Price Bid shall be valid for a period of 6 months from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- (d) As security for due performance of the under takings and obligations of our bid, we submit here with a Bid security, in the amount specified in Bidding Data Sheet, which is valid (at least) 28 days beyond validity of Bid itself.
- (e) We are not participating, as a Bidder or as a subcontractor, in more than one bid in this bidding process.
- (f) We agree to permit Employer or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors. This permission is extended for verification of any information provided in our Technical Bid which comprises all documents enclosed herewith.

Name In the capacity of Signed

Duly authorized to sign the Bid for and on behalf of Date: Address.....

Annexure-III

LETTER OF PRICE BID

Senior Research Officer (Incharge) Pakistan Council of Research in Water Resources Peshawar.

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents.
- (b) The total price of our Bid offered is: Rupees
- (c) Our Bid shall be valid for a period of 6 months from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- (d) If our Bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents.
- (e) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us and we do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other bidder for the Works.
- (f) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
- (g) We agree to permit Employer or its representative to inspect our accounts and records and other documents relating to the bid submission and to verify any information provided in our Technical Bid which comprises all documents enclosed herewith.
- (h) If awarded the contract, the person named below shall act as Contractor's Representative.

Name In the capacity of Signed

Duly authorized to sign the Bid for and on behalf of Date: Address.....