



PEDO

PAKHTUNKHWA ENERGY DEVELOPMENT ORGANIZATION
Government of Khyber Pakhtunkhwa



No. 441-45 /PEDO/PD(RHPP)/Lot-1/Pre-bid

Dated, 14/12/2023

To

All Intending Contractors/ Firms

Subject: MINUTES OF PRE-BID MEETING ON CIVIL WORKS (LOT#1) FOR REHABILITATION AND RESTORATION OF RANOLIA HYDROPOWER PROJECT – ADDENDUM NO - 1

Reference: INF(P) 2793/23, Tender Notice under Post-qualification Procedure

Reference to the subject noted above and to enclose herewith “Addendum No-1” to the Bid for the subject mentioned project. The Pre Bid meeting, under clause IB 17 of the bidding documents, was held on 11/12/2023 at 11 A.M under the chairmanship of Project Director Rehabilitation of Ranolia Hydro-Power Project in the committee room of PEDO, Peshawar. The list of participants is attached as Annexure-II.

You are therefore intimated to finalize and submit your proposals accordingly.


Project Director (RHPP),
PEDO

Copy for Information to:

1. Chief Engineer (Dev), PEDO.
2. Project Manager Rehabilitation of Ranolia HPP, PEDO.
3. Members of the Procuring committee, PEDO.
4. PS to Chief Executive Officer, PEDO.


Project Director (RHPP),
PEDO

**CIVIL WORKS (LOT#1) FOR REHABILITATION AND RESTORATION OF
RANOLIA HYDROPOWER PROJECT-MINUTES OF PRE-BID MEETING**

**ADDENDUM NO-1: REPLIES TO QUERIES OF BIDDERS OF THE PRE-BID MEETING
DATED 11/12/2023**

Note:

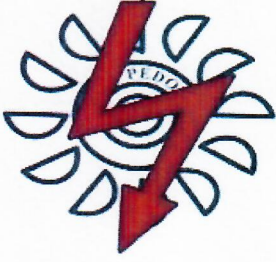
- The queries of all the bidders were discussed in detailed through presentation on multimedia and are reflected in the Addendum-1 to the bidding documents, in accordance with clause IB 9 and will be part of the bidding documents under clause IB 7.1 of the bidding documents.
- The similar queries received from various bidders, are replied once as it carries repetitions of similar questions in the addendum.

S.No.	Query	PEDO's Response/ Clarification
1	Area Factor The area factor is missing in the BOQ provided in the bidding documents by your office. Kindly explain.	Clarification All the rates mentioned in the Bill of Quantities attached as Appendix-D to bidding document is inclusive of the area factor @ 14% for District Kohistan.
2	Hard Rock Rates The excavation rate of hard rock (Grade VI) in Bill No 1, item No 1.2 and (Grade IV) Bill No. 3 item No 3.2 is same in BOQ provided in the Bidding Documents. Kindly correct and explain.	Agreed The Hard rock Grade IV mentioned vide Serial# 3.2 & 4.2 is a typo-error and is replaced with Grade VI. The revised Bill of Quantities, after correction, is attached as Annexure-1.
3	Rate analysis of BOQ items The rate analysis of the different items of the BOQ of Bidding Documents should be provided, that we can calculate different parameters precisely.	Not Agreed
4	Dewatering & Diversion arrangements Siphon and Weir will be constructed across the Nullah for which proper water diversion structure should be provided. While, in the BOQ no provision for dewatering and diversion arrangement is incorporated. Kindly consider and explain.	Clarification It is the department considerate opinion that dewatering is included by replacing the MRS rates of excavation from dry to wet under 3-11-b rates "Excavation in shingle or gravel formation & rock not requiring blast, undressed, 50m lead : Wet" as reflected in the revise Bill of Quantities attached as Annexure-1.
5	Damage to property and utilities owned by others Referred to the title above and Page-172 of the Bidding documents, it was mentioned that cost of any damage to the property owned by others will be borne by contractor. The project is located in sliding prone area as shown in Picture 03, so it is obvious that sliding will occur during construction at weir and Siphon. Therefore, it requested to please re-consider	Not Agreed

	the same.	
6	<p>Access road</p> <p>The access road of the locality was washed out by the previous floods, no proper access road is available to site except Nullah which is full of huge Boulders/stones shown in Picture 04. Moreover, the nullah is owned by the locals, if contractor is not allowed to go through their lands and demands for huge compensation, then what will be the next available option. Please explain.</p>	<p>Clarification</p> <p>The access road is owned by the C&W department and was washed out by the floods of August, 2022 and C&W has been requested to rehabilitate the road but under current situation, still all the components of the project are accessible through the access road (Kacha) for transportation of the material. Minor leveling of the road may be made by the successful bidder for their ease of access.</p>
7	<p>Bonus under 47.3 Clause</p> <p>Please re-consider the Clause 47.3 of GCC in Special Stipulations of the documents.</p>	Not Agreed
8	<p>Limit of Retention Money under Clause 60.20</p> <p>As mention in the Special Stipulation of the Bidding Documents that the Limit of the Retention Money is 10% of the contract Price stated in the letter of acceptance. Please re-consider, as 5% of the contract price is normal practice in different projects.</p>	<p>Clarification</p> <p>Under Clause 60.2, Percentage of Retention Money is 10% of the amount of Interim Payment Certificate upto a maximum of 8% of the Contract Price.</p>
9	<p>Sources of construction materials</p> <p>There is no Source/ location provided for construction materials in the Bidding documents, please explain.</p>	<p>Clarification</p> <p>The contractor is responsible for identification of the source/ location of the construction material.</p>
10	<p>Excavation Rates under 1.1, 2.1, 3.1 and 4.1 in BOQ</p> <p>The excavation rates mentioned under Seral# 1.1, 2.1, 3.1 and 4.1 under Bill No. 1,2,3 and 4 respectively are of MRS 2022 relating to Dry whereas the subject works are along the river and it is suggested to change the rates from MRS 3-11-a to 3-11-b.</p>	<p>Agreed</p> <p>The suggestion to replace the MRS 3-11-a to 3-11-b rates "Excavation in shingle or gravel formation & rock not requiring blast, undressed, 50m lead : Wet" is agreed and is reflected in the revise Bill of Quantities attached as Annexure-1.</p>
11	<p>Steel rates</p> <p>The steel rates mentioned in the Bill of Quantities are based on MRS 2022 which is being modified in 2nd Bi-Annual revision of MRS 2022 on 3rd November, 2023. It is suggested to kindly replace the steel rates as per the notification.</p>	<p>Agreed</p> <p>The steel rates are modified in the bill of Quantities (Annexure-1) in accordance with the 3rd November notification of MRS cell of finance department. The new rate of steel grade 60 including the area factor is replaced to 346,263.60 per ton.</p>
12	<p>Performance Guarantee</p> <p>In the bidding documents the performance guarantee has been limited to bank guarantee from the schedule bank whereas KPPRA in SRO (15)Vol 1-25/2022-23 has allowed the insurance bond from atleast AA rating insurance companies as performance guarantee. Kindly include Insurance bond too</p>	<p>Agreed</p> <p>As per the KPPRA SRO(15) Vol 1/25/2022-23 performance guarantee in-shape of insurance guarantee from at-least AA insurance company and bank guarantee from the schedule bank in Pakistan is allowed.</p>

	apart from bank guarantee as performance guarantee.	
13	<p>Extension in time for completion</p> <p>It is unanimously suggested by the bidders that the time for the completion of the project is very unrealistic in comparison to the risk of floods, access to site issues, land procurement and inordinate hinderances/ agitation by the local community; therefore the completion time may be replaced to 18 months instead of 12 months.</p>	<p>Agreed</p> <p>The time for completion of the subject bidding has been extended to 16 Months instead of 12 Months which was reflected in the bidding documents; so as to match up with the ground realities as well as to make the targets achievable.</p>





**Pakhtunkhwa Energy Development Organization (PEDO)
Government of Khyber Pakhtunkhwa (KP)**

**ANNEXURE-I OF ADDENDUM-1
TO THE BIDDING DOCUMENTS LOT-1
FOR
REHABILITATION AND RESTORATION OF RANOLIA
HYDROPOWER PROJECT, LOWER KOHISTAN**

CONTRACT NO: PEDO/RHPP/PE-01/LOT-I

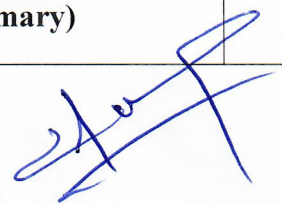
December, 2023

BILL OF QUANTITIES

Bill No.1: RCC Flood Protection works at the powerhouse and switchyard.

Item	Description	Unit	Qty	Rate (PKR)	Amount (PKR)
1.1	Excavation in shingle or gravel formation & rock not requiring blast, undressed, including dewatering, cost of disposal to the designated mucking area, complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge: Wet	m ³	26,459	425.44	11,256,627
1.2	Excavation in hard rock (Grade VI) requiring blasting, dressing and including cost of drilling, blasting material and disposal to the designated mucking area, complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	17,639	777.72	13,718,192
1.3	Backfill using Common Material available at site including cost of watering and compaction using Tandom Vibratory Roller (1.5 T) complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	20,251	271.92	5,506,737
1.4	Providing and laying Plain Cement Concrete (Ratio 1:4:8) including placing, compacting, finishing, curing & testing using approved machine crushed aggregates complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	474	10,530.68	4,991,543
1.5	Providing and laying Plain Cement Concrete (Ratio 1:2:4) including placing, compacting, finishing, curing & testing using approved machine crushed aggregates complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	1,349	14,530.28	19,601,348
1.6	Providing & laying Reinforced Cement Concrete (Ratio 1:1:2) using ordinary Portland cement with approved Sand and 1/2" -, 3/4" down graded approved crushed stone as indicated on drawings excluding the cost of steel reinforcement but including vibrating through electro mechanical vibrator, mixing material in batching plant , labour, equipments complete in all respect, as per specifications and drawings or as directed by the Engineer Incharge.	m ³	7,658	23,204.83	177,702,553

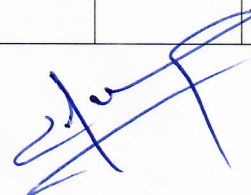
1.7	Providing and laying Hot Rolled Deformed Mild Steel (minimum yield strength 60,000 psi) reinforcement bars including testing, straightening, cutting, bending, removal of rust from bars, binding including cost of binding wire, in all kinds of RCC work as and where required or as directed by the Engineer Incharge.	Tonne	1,149	346,263.60	397,856,876
1.8	Erection and removal of Form work using steel plates, clamp shell, nuts, bolts etc complete in all respect for Surface Finishing of RCC or Plain Concrete in any shape - Position /Vertical	m ²	10,224	1,018.69	10,415,113
1.9	Preparing surface & painting with snowcem / weathershield paint complete in all respect as per specifications or as directed by the Engineer Incharge : First coat	m ²	2,630	277.46	729,732
1.10	Preparing surface & painting with snowcem / weathershield paint complete in all respect as per specifications or as directed by the Engineer Incharge : 2nd & subsequent coats	m ²	2,630	162.23	426,662
1.11	Supply and fixing razor wire (2'-0" dia) consisting of 1-1/2"X1-1/2"X3/16" angle iron Y post 2'-6" long 6' to 8' center to center fixed with bolt anchorage, at top of boundary wall including painting posts etc. complete in all respects. as per specifications or as directed by the Engineer Incharge.	m	232	1,407.99	326,654
1.12	Supplying and Fixing 18 SWG MS Sheet Gate with angle iron frame (2"x2"x3/16") Steel Pati 2"x3/16" thick decorated round head riverts 1" dia ,circular MS Plate 1.1/2" width 3/16" thick including locking arrangement, painting complete in all respects as per specifications and drawings or as directed by the Engineer Incharge.	m ²	64	15,989.87	1,023,352
1.13	Deleted				
Total (Rs)					643,555,389
Amount as % of Above (Above / Below/at par					
Total Amount Bill No. 1 (Carried forward to Summary)					



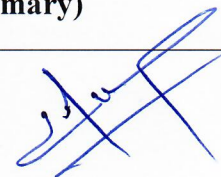
BILL OF QUANTITIES

Bill No. 2: Tailrace and Bypass Chamber at the Powerhouse

Item	Description	Unit	Quantity	Rate (PKR)	Amount (PKR)
2.1	Excavation in shingle or gravel formation & rock not requiring blast, undressed, including dewatering, cost of disposal to the designated mucking area, complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge: Wet	m ³	9,231	425.44	3,927,205
2.2	Excavation in hard rock (Grade VI) requiring blasting, dressing and including cost of drilling, blasting material and disposal to the designated mucking area, complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	6,154	777.72	4,786,085
2.3	Backfill using Common Material available at site including cost of watering and compaction using Tandem Vibratory Roller (1.5 T) complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	3,846	271.92	1,045,820
2.4	Providing and laying Plain Cement Concrete (Ratio 1:4:8) including placing, compacting, finishing, curing & testing using approved machine crushed aggregates complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	91	10,530.68	958,292
2.5	Providing & laying Reinforced Cement Concrete (Ratio 1:1:2) as in dams, spillways, weirs, barrages, cross drainage works and other hydraulic structures using ordinary Portland cement with approved Sand and 1/2" -, 3/4" down graded approved crushed stone aggregate (screening & washing) as indicated on drawings excluding the cost of steel reinforcement but including vibrating through electro mechanical vibrator, mixing material in batching plant, labour, equipment complete in all respect, as per specifications and drawings or as directed by the Engineer Incharge.	m ³	946	22,778.80	21,548,741



2.6	Providing and laying Hot Rerolled Deformed Mild Steel (minimum yield strength 60,000 psi) reinforcement bars including testing, straightening, cutting, bending, removal of rust from bars, binding including cost of binding wire, in all kinds of RCC work as and where required or as directed by the Engineer Incharge.	Tonne	142	346,263.60	49,169,431
2.7	Erection and removal of Form work using steel plates, clamp shell, nuts, bolts etc complete in all respect for Surface Finishing of RCC or Plain Concrete in any shape – Position /Vertical	m ²	2,541	1,018.69	2,588,498
2.8	Supplying and Fixing PVC Water Stopper 8” wide 3/8” thick. Providing and fixing PVC water stopper 8” wide 3/8” thick in verticle (Wall/Column) or horizontal (Floor/Slab) expansion joint including cutting and jointing complete in all respects, as per specifications and drawings or as directed by the Engineer Incharge.	m	330	643.31	212,293
2.9	Procurement of all materials and fabrication of steel pipe (internal dia 1000mm and 22mm thick), transportation, anchoring, laying in final position, welding, testing, etc. complete in all respects as per drawings, specifications and directions of Engineer Incharge .	Tonne	36	456,000.00	16,416,000
2.10	Construction of Switchyard GIS room (26m x 12m and 10m) in RCC (1:1.5:3) with ventilation, access and all requisite facilities / installation as per NTDC requirement including crane and gantry etc., of suitable size for lifting of the proposed equipment	m ²	312	42,952.19	13,401,085
2.11	Deleted				
	Total (Rs)				114,053,450
	Amount as % of Above (Above / Below/at par				
	Total Amount Bill No. 2 (Carried forward to Summary)				

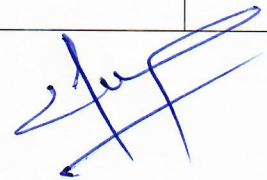


BILL OF QUANTITIES

Bill No. 3: Siphon Reconstruction and Protection at Ranolia Khwar Crossing of Ranolia HPP

S. No.	Description	Unit	Qty	Rate (PKR)	Amount (PKR)
3.1	Excavation in shingle or gravel formation & rock not requiring blast, undressed, including dewatering, cost of disposal to the designated mucking area, complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge: Wet	m ³	26,836	425.44	11,417,017
3.2	Excavation in hard rock (Grade IV) requiring blasting, dressing and including cost of drilling, blasting material and disposal to the designated mucking area, complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	17,891	777.72	13,914,178
3.3	Backfill using Common Material available at site including cost of watering and compaction using Tandom Vibratory Roller (1.5 T) complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	19,412	271.92	5,278,593
3.4	Collect & stack boulders from nullah beds or loose shale and reuse, as per specifications and drawings or as directed by the Engineer Incharge	m ³	9,871	1,202.93	11,874,102
3.5	Providing & laying Reinforced Cement Concrete (Ratio 1:1:2) using ordinary Portland cement with approved Sand and 1/2" -, 3/4" down graded approved crushed stone as indicated on drawings excluding the cost of steel reinforcement but including vibrating through electro mechanical vibrator, mixing material in batching plant, labour, equipment complete in all respect, as per specifications and drawings or as directed by the Engineer Incharge.	m ³	3,380	22,778.80	76,992,330
3.6	Providing and laying Hot Rerolled Deformed Mild Steel (minimum yield strength 60,000 psi) reinforcement bars including testing, straightening, cutting, bending, removal of rust from bars, binding including cost of binding wire, in all kinds of RCC work as and where required or as directed by the Engineer Incharge.	Tonne	507	346,263.60	175,555,645
3.7	Erection and removal of Form work using steel plates, clamp shell, nuts, bolts etc complete in all respect for Surface Finshing of RCC or Plain Concrete in any shape - Position /Vertical	m ²	7,176	1,018.69	7,310,138

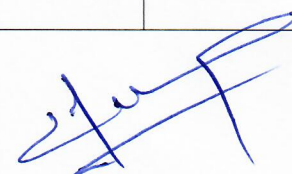
3.8	Providing and laying Plain Cement Concrete (Ratio 1:3:6) including placing, compacting, finishing, curing & testing using approved machine crushed aggregates and sand complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	16,005	9,813.77	157,069,386
3.9	Providing and fixing sluice valve of BSS quality (BS 5163) and weight Class 'B' for GI & PVC pipeline (including cost of jointing material):- d) 12" (300 mm) dia of Valve complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	Each	1	78,483.54	78,484
3.10	Supplying and Fixing flat iron (2"x3/8") ladder for inspection chamber, holes @ 15" c/c, steps of MS bars 5/8" i/d & paint complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m	7	5,315.64	37,209
3.11	Dismantling of the Plain Cement Concrete 1:2:4 and the embeded siphon steel pipe (50m)	m ³	599	4,410.75	2,642,040
3.12	Procurement of all materials and fabrication of steel pipe (internal dia 1600mm and wall thickness 10mm), transportation, anchoring, laying in final position, welding, testing, etc. complete in all respects as per drawings, specifications and directions of Engineer Incharge.	Tonne	43	456,000.00	19,608,000
3.13	Separating, cleaning from concrete and carriage of steel pipe (siphon) approximately 60m for storing at the powerhouse / colony area.	Job	1	850,000.00	850,000
3.14	Deleted				
Total (Rs)					482,627,122
Amount as % of Above (Above / Below/at par					
Total Amount Bill No. 3 (Carried forward to Summary)					



BILL OF QUANTITIES

Bill No. 4: Protection works at Weir / Sand Trap

S. No.	Description	Unit	Qty	Rate (PKR)	Amount (PKR)
4.1	Excavation in shingle or gravel formation & rock not requiring blast, undressed, including dewatering, cost of disposal to the designated mucking area, complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	18,769	425.44	7,985,020
4.2	Excavation in hard rock (Grade IV) requiring blasting, dressing and including cost of drilling, blasting material and disposal to the designated mucking area, complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	8,044	777.72	6,255,975
4.3	Structural backfill using Common Material available at site including cost of compaction using plate compactor complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	10,725	271.92	2,916,387
4.4	Providing and laying Plain Cement Concrete (Ratio 1:4:8) including placing, compacting, finishing, curing & testing using approved machine crushed aggregates complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	201	10,530.68	2,116,667
4.5	Providing and laying Plain Cement Concrete (Ratio 1:3:6) in mass concrete less formwork using 30% boulders, approved machine crushed aggregates, and sand complete in all respect, as per specifications and drawing or as directed by the Engineer Incharge.	m ³	9,793	9,813.77	96,106,248
4.6	Erection and removal of Form work using steel plates, clamp shell, nuts, bolts etc. complete in all respect for Surface Finishing of RCC, Plain Concrete and Mass Concrete in any shape - Position /Vertical	m ²	6,600	1,018.69	6,723,371



4.7	Providing & laying Reinforced Cement Concrete (Ratio 1:1.5:3) using ordinary Portland cement with approved Sand and 1/2" -, 3/4" downgraded approved crushed stone aggregate (screening & washing) as indicated on drawings excluding the cost of steel reinforcement but including vibrating through electro mechanical vibrator, mixing material in batching plant, labour and equipment, complete in all respect, as per specifications and drawings or as directed by the Engineer Incharge.	m ³	3,284	19,067.97	62,619,215
4.8	Providing and laying Hot Rerolled Deformed Mild Steel (minimum yield strength 60,000 psi) reinforcement bars including testing, straightening, cutting, bending, removal of rust from bars, binding including cost of binding wire, in all kinds of RCC work as and where required or as directed by the Engineer Incharge.	Tonne	394	346,263.60	136,427,858
4.9	Deleted				
Total (Rs)					321,150,741
Amount as % of Above (Above / Below/at par					
Total Amount Bill No. 4 (Carried forward to Summary)					

BILL OF QUANTITIES

BILL No. 5: PROVISIONAL SUM

Item No.	DESCRIPTION	UNIT	Qty	Rate (PKR)	Amount (PKR)
1	Provisional Sum (VOs, Taxes, Security etc)	LS	-	-	100,000,000
	Total Amount (Carried forward to Summary)				

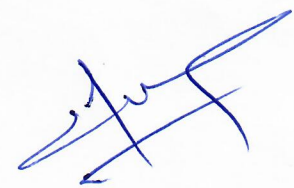
Note: All Provisional sums are to be expended in whole or, in part at the direction and discretion of the Engineer in accordance with sub clause 58.2 of the General Conditions of Contract Part-I



BILL OF QUANTITIES

SUMMARY

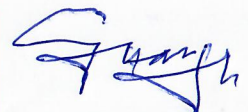
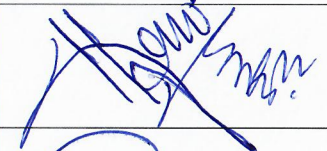
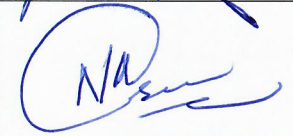


Bill No.	DESCRIPTION	Total Amount (PKR)
1	RCC flood protection works at the powerhouse and Switchyard	
2	Tailrace and bypass chamber at the Powerhouse	
3	Siphon Reconstruction and Protection at Ranolia Khwar Crossing of Ranolia HPP	
4	Protection works at Weir / Sand Trap	
	Total Amount (Carried forward to the Letter of Price of Bid)	
5	Provisional Sums	100,000,000
	Total Amount (Inclusive of P. Sums)	



ATTENDANCE SHEET
PREBID MEETING WITH CONTRACTORS/FIRMS
FIRST PHASE OF BIDDING- CIVIL WORKS (LOT#1) FOR REHABILITATION AND
RESTORATION OF RANOLIA HYDROPOWER PROJECT.

Date:11-12-2023 at 11: 00 AM

BIDDER/ CONTRACTOR REPRESENTATIVES

S.NO	NAME	FIRM NAME	DESIGNATION	EMAIL & CONTACT#	SIGNATURE
	Gohar Ali	M/s Ali & Co	CEO	Peshawar 1976 @ yahoo.com	
	Hassan Jari	Sohad Engrg.	DM -	Peshawar	
	Naseem Ullah	TGC	CEO	Peshawar	
	Engr. Malika Nazeem	M/s ARAMZI	CEO	Peshawar	
	Zahid Hussain Cap. Secretary	Sagwan Constructors (PVT) Ltd	Secretary	Nowshera	

YOUSAF SHAH
 PHILANTHROPE
 (Pvt.) Ltd

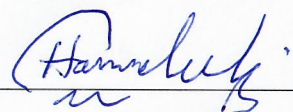
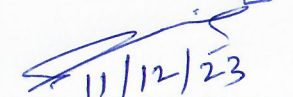
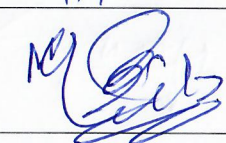

CEO

philanthroppe@gmail.com
 03009036943



ATTENDANCE SHEET
PREBID MEETING WITH CONTRACTORS/FIRMS
FIRST PHASE OF BIDDING- CIVIL WORKS (LOT#1) FOR REHABILITATION AND
RESTORATION OF RANOLIA HYDROPOWER PROJECT.

Date: 11-12-2023 at 11: 00 AM

	Flameedullah	M/S Ummerzi Engineers	CEO	03139444964	
	M. Sharif Bhatti	Sarwar & CO	MD Director	03170000012	 11/12/23
	Ch. Mujeeb Yousaf	Sarwar & CO	Senior Engineer	0315-5344998	
	Attaullah Khan	Attaullah Khan Trand	CEO	03335444698	
		& Brothers			
					E-mail Address: akth.tallemkhan@gmail.com
					/ akth.mktrend@gmail.com