



INTERNATIONAL CALL FOR TENDER– **ACTED PAKISTAN**

PART A - Instructions to Bidders

Date: 22/02/2020

Tender N°: T/04CTA/30EMSC/ISL/22.02.2020/15

ACTED is requesting through this tender a company to provide detailed written offers for the supply of the following products:

PRODUCT SPECIFICATIONS:

- | | |
|------------------------------------|---|
| 1. Description: | Supply / Construction of Medium to Large schemes – Chitral, KP |
| 2. Product class / category: | Works/Construction |
| 3. INCOTERM (delivery conditions): | DDP (All cost & duties Paid) to Chitral, KP |
| 4. Quantity / unit: | Listed Offer Form (below) |
| 5. Packaging requirements: | As per product requirements |

CONTRACTORS RESPONSIBILITIES:

- | | |
|---------------------------|--|
| 1. Date of completion: | 20 working days after signature of contract |
| 2. Validity of the offer: | At least 6 months |
| 3. Terms of Delivery: | DDP (All cost & duties Paid) to Chitral, KP |
| 4. Point of Delivery: | Chitral, KP |

The answers to this tender should include the following elements:

- A written quotation including all the product specifications, the price per unit, quantity proposed and unit, and total price.
- The tender documents have to be filled in English and prices have to be inclusive of all applied taxes and transportation Cost in PKR;
- Proofs of past performances in a similar field of activity (e.g. past deliveries of similar items) needs to be provided;
- A copy of the ID of a legal representative;
- A copy of the company registration;
- A certificate of origin;
- A copy of the PEC license
- Should the packaging conditions be at an additional cost, please include its value within the price per unit.

GENERAL CONDITIONS:

1. The **closing date** of this tender is fixed on **16 / 03 / 2020 at 7PM (Islamabad time)** in ACTED office at the following address : **House # 59, Orchard Road, Orchard Scheme, Murree Road, Islamabad, Pakistan**
2. Bidders are requested to fill in, sign, stamp and return Part A (Instructions to Bidders), Part B (Offer Form) and Part C (Bidders' Questionnaire), Bidder's Ethical Declaration and Bidder's Checklist.
3. Bidders shall sign and return all pages of the Product Specifications for which they apply.
4. The offer to the call for tender will not automatically result in the award of a contract.
5. The offer must be submitted to ACTED Logistics department in a sealed envelope with the mention **"T/04CTA/30EMSC/ISL/21.02.2020/15 not to be opened before 2019, March 17 - 11:00 AM" by hand or by post at the address below:**

House # 59, Orchard Road, Orchard Scheme, Murree Road, Islamabad, Pakistan.



6. Unsealed envelopes and late offers will not be considered.
7. To ensure that funds are used exclusively for humanitarian purposes and in accordance with donors' compliance requirements, all contract offers are subject to the condition that contractors do not appear on anti-terrorism lists, in line with ACTED's anti-terrorism policy. To this end, ACTED reserves the right to carry out anti-terrorism checks on contractor, its board members, staff, volunteers, consultants, financial service providers and sub-contractor.

SPECIFIC CONDITIONS:**1. Demand Draft / Call Deposit**

Bidders are requested to provide at the time of their bid a Demand Draft / Call Deposit equivalent to 5 % (five percent) of the total bidding value in favor of ACTED and denominated in PKR. If the selected bidder refuses to sign the supplies contract, then ACTED reserves the right to forfeit the bid security.

Bids not accompanied by a Demand Draft / Call Deposit will be automatically rejected.

The Demand Draft / Call Deposit of unsuccessful bidders will be returned as promptly as possible, but not later than 30 (thirty) days after the expiration of the bid validity period.

The Demand Draft / Call Deposit of the winning bidder(s) will be maintained for 2 (two) additional months from the contract awarding date and will be released only after the contract(s) signature. The contract will include an execution guarantee at least equal to the bid guarantee.

The withdrawal of any offer before the end of its validity period will result in forfeiture of the Demand Draft / Call Deposit and disqualification of the bid.

- a. ***Interested bidders are requested to make site visit dated from 25th of February to 13th of March, 2020. Purpose of site visit is to brief interested bidders over Supply and Construction of Medium to Large schemes. Attendance sheet will be signed by the supplier to attest the presence to the visit.***
- b. ***Area of implementation of the Supply and Construction of Medium to Large schemes.***
- c. ***Briefing will be provided by ACTED team over technicalities of the Supply and Construction of Medium to Large schemes***

Timelines of execution and completion of Supply and Construction of Medium to Large schemes.

2. Interested bidders are requested to confirm their visit planning to pakistan.tender@acted.org, CC islamabad.logistics@acted.org
3. No bidder should deem that the entire tender would be awarded to a single bidder. ACTED reserves the right to divide / split the contracts amongst different bidders.
4. Bidders can apply for a single batch or multiple batches.
5. In case a public holiday is announced by the Government of Pakistan on the day of the opening session (Due to security or any other reason) the tender will be opened the next working day at the same time and venue.
6. Lowest price is not sole criteria as quality, delivery time (if required to be proposed by vendor) and previous experience will be considered.
7. The following persons and number can be contacted for general enquiries:
Islamabad.logistics@acted.org; cc pakistan.tender@acted.org ,
+92 051-8313022-24
8. Filling all information regarding the quoted items in the Offer Form (e.g. unit prices) is compulsory; any missing information may lead to rejection of your offer(s).



9. Quantities are subject to change; in that case ACTED will consider unit price as reference during the offers' selection.
10. Documents sent without signature, stamp on every page and 5% Demand Draft will not be accepted as valid offers.
11. Bidders participating from the tax-free zones are requested to submit their updated tax exemption certification verified from relevant stakeholders.

NOTE: ACTED adopts a zero-tolerance approach towards corruption and is committed to respecting the highest standards in terms of efficiency, responsibility and transparency in its activities. In particular, ACTED has adopted a participatory approach to promote and ensure transparency within the organization and has set up a Transparency focal point (Transparency Team supervised by the Director of Audit and Transparency) via a specific e-mail address. As such, if you witness or suspect any unlawful, improper or unethical act or business practices (such as soliciting, accepting or attempting to provide or accept any kickback) during the tendering process, please send an e-mail to transparency@acted.org.

FOR BIDDER'S USE

I undersigned, the Bidder, agree with the instructions and general conditions of this Call for Tender.

Company Name: _____

Authorized Representative Name: _____

Signature: _____

Stamp:

Part B - OFFER FORM Form PRO-06

Date: ____ / ____ / 2020

Tender No. T/04CTA/30EMSC/ISL/22.02.2020/15

To be Filled by Bidder (COMPULSORY)**Details of Bidding Company:**

1. Company Name: (_____)
2. Company Authorized Representative Name: (_____)
- 2.1 Authorized Representative CNINC # (_____)
3. Company Registration No: (_____
No/Country/ Ministry
4. Company Specialization: (_____)
5. Mailing Address: (_____
Country/Governorate./City/St name/Shop-Office No
- a. Contact Numbers: (Land Line: _____ / Mobile No: _____)
- b. E-mail Address: (_____)

I undersigned _____, agree to provide ACTED, non-profit NGO, with items answering the following specifications, according to the general conditions and responsibilities that I engage myself to follow.

1. **PLEASE FILL IN THE FOLLOWING TABLE:**
BIDDERS CAN APPLY FOR ONE OR SEVERAL BATCHES.

Batch # 01						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
1	Cement (50 Kg/ bag)	OPC (Ordinary Portland Cement) 10000 PSI	Bags	138		
2	Sand	Local washed	cft	291		
3	Gravel	Local washed	cft	865		
4	Steel 1/2"	Deformed	Kgs	315		
5	Steel #2	Deformed	Kgs	40		
6	GI Wire #8	Flexible	Kgs	2971		
7	Tie Wire/Binding wire	Flexible	Kgs	8		
8	Planks	Poplar 6'x6"x1"	Nos	32		
9	Wooden support for shuttering Work	Poplar Wood Size (8'X2.5"X2")	Nos	20		
10	Plywood for concrete formwork	Size 8'x4'x0.75"	Nos	7		
11	Iron Nails 2"	Iron nails,packed in strong and thick plastic bag	Kgs	6		
12	Iron Nails 3"	Iron nails, packed in strong and thick plastic bag	Kgs	6		

Batch # 01						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
13	Iron Nails 4"	Iron nails, packed in strong and thick plastic bag	Kgs	6		
14	Iron Nails 6"	Iron nails, packed in strong and thick plastic bag	Kgs	6		
15	Nails cap	GI Made	Kgs	4		
16	CGI Sheet 8'x3'-6"	26 Gauge	Nos	13		
17	PGI Sheet 20'x1.5'	27 Gauge	Nos	1		
18	Imported Wood Planks	10'x9"x1"	Nos	16		
19	Imported Wood C1	Size 13.5'x3"x4"	Nos	4		
20	Imported Wood C2	Size 7'-6"x3"x3"	Nos	8		
21	Imported Wood C3	Size 3'x3"x3"	Nos	4		
22	Imported Wood C4	Size 1'-6"x3"x3"	Nos	8		
23	Imported Wood C5	Size 9'x3"x2'-6"	Nos	16		
24	Metal Cover (2' x 2')	GI Metal Cover, 16 Gauge Sheet made, with angle iron frame and lock arrangement umbrella type.	Nos	4		
25	Steel Wire Rope 20mm dia	Good quality	Rft	280		

Batch # 01						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
26	Anchors (1"dia bars 1.5' each)	Good quality	Nos	2		
27	Steel Wire Rope Grips Commercial U Clamp	Good quality	Nos	6		
28	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED, concern & DFID Logos	Nos	3		
29	Suspenders complete set for 110 mm HDPE pipes	Suspenders include MS strip of 1" x 1/8" and length of 1.5' including nut bolts	Nos	80		
30	Gi Pipe 4"	Equivalent to IIL-L Karachi	Rft	40		
31	Gi Socket 4" Dia	Equivalent to China HE brand	Nos	8		
32	GI Socket 3"dia	Equivalent to China HE brand	Nos	16		
33	Sluice Valve 4"	Equivalent to HE or Aero	Nos	1		
34	sluice Valve 3"	Equivalent to HE or Aero	Nos	1		
35	Gate Valve 2.5"	Equivalent to Almughal	Nos	2		
36	Gi flung pair 4"	(with Gaskets nut & bolts 12 mm gauge)	Pair	4		
37	Gi flung pair 3"	(with Gaskets nut & bolts 12 mm gauge)	Pair	8		
38	Gi flung pair 2.5"	(with Gaskets nut & bolts 12 mm gauge)	Pair	4		
39	90 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX, ALPHA) 100 meter	RFT	1640		
40	75 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX, ALPHA) 100 meter	RFT	328		

Batch # 01						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
41	50 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX) 500 feet coils	RFT	328		
42	40 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX) 500 feet coils	RFT	328		
43	32 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX) 500 feet coils	RFT	328		
44	25 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX) 500 feet coils	RFT	656		
45	20 mm Dia HDPE pipe (PN-10)	Equivalent Malaysian/Arangul turkey/German made	RFT	656		
46	Equal Coupling 90mm	Equivalent Malaysian/Arangul turkey/German made	Nos	8		
47	Equal Coupling 75mm	Equivalent Malaysian/Arangul turkey/German made	Nos	3		
48	Equal Coupling 50mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2		
49	Equal Coupling 40mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2		
50	Equal Coupling 32mm	Equivalent Malaysian/Arangul turkey/German made	Nos	4		
51	Equal Coupling 25mm	Equivalent Malaysian/Arangul turkey/German made	Nos	6		
52	Equal Coupling 20mm	Equivalent Malaysian/Arangul turkey/German made	Nos	10		
53	Male Adapter 90mm	Equivalent Malaysian/Arangul turkey/German made	Nos	8		
54	Male Adapter 75mm	Equivalent Malaysian/Arangul turkey/German made	Nos	3		
55	Male Adapter 50mm	Equivalent Malaysian/Arangul turkey/German made	Nos	1		
56	Male Adapter 40mm	Equivalent Malaysian/Arangul turkey/German made	Nos	1		
57	Male Adapter 32mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2		
58	Male Adapter 25mm	Equivalent Malaysian/Arangul turkey/German made	Nos	1		
59	Male Adapter 20mm	Equivalent Malaysian/Arangul turkey/German made	Nos	8		
60	Female Adapter 90mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2		
61	GI Elbow 2.5" Dia.	Equivalent to China HE brand	Nos	2		
62	GI Elbow 4" Dia.	Equivalent to China HE brand	Nos	2		
63	GI Union 3" Dia.	Equivalent to China HE brand	Nos	4		

Batch # 01						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
64	GI Nipple 3" Dia.	Equivalent to China HE brand	Nos	3		
65	GI Elbow 3" Dia.	Equivalent to China HE brand	Nos	2		
66	Brass Strainer 4" Dia	Good Quality	Nos	1		
67	Brass Strainer 3" Dia	Good Quality	Nos	1		
68	Brass Strainer 2.5" Dia	Good Quality	Nos	1		
69	End Plug 4"	Equivalent to China HE brand	Nos	2		
70	End Plug 3"	Equivalent to China HE brand	Nos	2		
71	End Plug 2.5"	Equivalent to China HE brand	Nos	2		
72	GI Pipe 4" dia 3' long, one side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	2		
73	GI Pipe 4" dia 3' long, Both side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	1		
74	GI Pipe 3" dia 3' long, one side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	3		
75	GI Pipe 3" dia 3' long, Both side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	1		
76	GI Pipe 2.5" dia 3' long, both side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	1		
77	P-foam thickness 10mm	Good Quality	Sft	400		
78	Chimney pipe 4.5" dia (Length per Pipe 6')	Made with Gi Sheet 27 Gauge	Nos	46		
79	Tools bag (18" x 12" x 12")	Use Parachute heavy duty Cloth, Dark Blue colour with Hand strips, Best Quality Zip with 3 logos and writing note: heavy duty Zip Horizontally stretched	Nos	2		
80	HDPE Pipe cutter working range 6mm to 63 mm	Equivalent to China Made	Nos	2		

Batch # 01						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
81	Pipe wrench 14"	Equivalent to China Made	Nos	2		
82	Pipe wrench 18"	Equivalent to China Made	Nos	2		
83	Heavy Duty Chain Pipe Wrench Capacity accommodates up to 90mm piping	Equivalent to China Made	Nos	2		
84	Screw wrench 12"	12" Best Quality	Nos	2		
85	Screw wrench 15"	15" Best Quality	Nos	2		
86	Hammer with handle 500g	Good quality	Nos	2		
87	Gi Pipe Cutting Saw	Good Quality with blade	Nos	2		
88	Pliers	Steel, plastic coated handles, length 8" made in China	Nos	2		
89	Measuring Tape 10 meter	Good quality	Nos	2		
90	Heavy Duty Screw Driver 10"	Good Quality	Nos	2		
91	Heavy Duty Screw Driver 8"	Good Quality	Nos	2		
92	Paint	ICI Dulux 1 Gallons in Dark Blue and 1 are in white color	US Gallons	2		
93	Paint thinner	Good quality	US Gallons	1		
94	Iron hammer 8 kg	With Wooden Handle (Weight will be measure with out handle)	Nos	5		
95	Iron rod for digging	4.5 feet length, diameter of rod 1.25" with 1st class iron made and proper place for hand grip	Nos	3		
96	Wheel Barrow	Use 18 gauge container sheet capacity 2.5 cft painted, Tyre: Equivalent to service brand, Tyre size 4.00-8, PR-6 PR, Tyre Weight with Tolerance(gms) 2675±7%, Sec-Width (mm)-90 Rim:Design for heavy duty Welding/finishing and Painting will be up to satisfaction of engineer	Nos	4		

Batch # 01						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
		Note: all the material like iron sheet, angle iron tyre and rims should be design for heavy load.				
97	Spade	Shovel/Spade (Bailcha), Equivalent to china made, weight 1.03 kg with 3'-9" long wooden handle, 3 % Variation will acceptable in Weight, Handle should be smooth and fixed properly ready to use. Note spade weight will be measure without handle	Nos	10		
98	Pick axe	Pick Axe with wooden handle, weight 2.4 kg without handle, 3 % Variation will acceptable in weight, Handle should be smooth and fixed properly ready to use length of Handle 3'	Nos	8		
99	Steel pan	Metallic Pan (Taghari), Weight: 1Kg to 1.25 kg, Diameter: 14" to 15", GI	Nos	4		
100	Work wear gloves for labor works	(Re-usable) Leather made	Pairs	22		
Grand Total (PKR) Inclusive of all applicable taxes & Transportation						

BIDDER'S COMMENTS/REMARKS:

1. _____
2. _____

Annex 1: Detail Estimate

District				Lower Chitral	Lower Chitral	Lower Chitral	
Union Council				Ayun	Shoghore	Shoghore	
Village				Rumboor	Sufed Arkari	Sufed Arkari	
Scheme Type				WSS	WSS	FPL	
S#	Description	Specification	Unit	Qty/Scheme			Total
1	Cement (50 Kg/ bag)	OPC (Ordinary Portland Cement) 10000 PSI	Bags	72	66	0	138
2	Sand	Local washed	cft	72	219	0	291
3	Gravel	Local washed	cft	465	400	0	865
4	Steel 1/2"	Deformed	Kgs	25	290	0	315
5	Steel #2	Deformed	Kgs	0	40	0	40
6	GI Wire #8	Flexible	Kgs	675	0	2296	2971
7	Tie Wire/Binding wire	Flexible	Kgs	2	6	0	8
8	Planks	Poplar 6'x6"x1"	Nos	12	20	0	32
9	Wooden support for shuttering Work	Poplar Wood Size (8'X2.5"X2")	Nos	10	10	0	20
10	Plywood for concrete formwork	Size 8'x4'x0.75"	Nos	3	4	0	7
11	Iron Nails 2"	Iron nails,packed in strong and thick plastic bag	Kgs	2	4	0	6
12	Iron Nails 3"	Iron nails, packed in strong and thick plastic bag	Kgs	2	4	0	6
13	Iron Nails 4"	Iron nails, packed in strong and thick plastic bag	Kgs	6	0	0	6
14	Iron Nails 6"	Iron nails, packed in strong and thick plastic bag	Kgs	6	0	0	6

15	Nails cap	GI Made	Kgs	4	0	0	4
16	CGI Sheet 8'x3'-6"	26 Gauge	Nos	13	0	0	13
17	PGI Sheet 20'x1.5'	27 Gauge	Nos	1	0	0	1
18	Imported Wood Planks	10'x9"x1"	Nos	16	0	0	16
19	Imported Wood C1	Size 13.5'x3"x4"	Nos	4	0	0	4
20	Imported Wood C2	Size 7'-6"x3"x3"	Nos	8	0	0	8
21	Imported Wood C3	Size 3'x3"x3"	Nos	4	0	0	4
22	Imported Wood C4	Size 1'-6"x3"x3"	Nos	8	0	0	8
23	Imported Wood C5	Size 9'x3"x2'-6"	Nos	16	0	0	16
24	Metal Cover (2' x 2')	GI Metal Cover, 16 Gauge Sheet made, with angle iron frame and lock arrangement umbrella type.	Nos	2	2	0	4
25	Steel Wire Rope 20mm dia	Good quality	Rft	0	280	0	280
26	Anchors (1" dia bars 1.5' each)	Good quality	Nos	0	2	0	2
27	Steel Wire Rope Grips Commercial U Clamp	Good quality	Nos	0	6	0	6
28	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED, concern & DFID Logos	Nos	1	1	1	3
29	Suspenders complete set for 110 mm HDPE pipes	Suspenders include MS strip of 1" x 1/8" and length of 1.5' including nut bolts	Nos	0	80	0	80

31	Gi Pipe 4"	Equivalent to IIL-L Karachi	Rft	40	0	0	40
32	Gi Socket 4" Dia	Equivalent to China HE brand	Nos	8	0	0	8
33	GI Socket 3"dia	Equivalent to China HE brand	Nos	0	16	0	16
34	Sluice Valve 4"	Equivalent to HE or Aero	Nos	1	0	0	1
35	sluice Valve 3"	Equivalent to HE or Aero	Nos	0	1	0	1
36	Gate Valve 2.5"	Equivalent to Almughal	Nos	2	0	0	2
37	Gi flung pair 4"	(with Gaskets nut & bolts 12 mm gauge)	Pair	4	0	0	4
38	Gi flung pair 3"	(with Gaskets nut & bolts 12 mm gauge)	Pair	0	8	0	8
39	Gi flung pair 2.5"	(with Gaskets nut & bolts 12 mm gauge)	Pair	4	0	0	4
40	90 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX, ALPHA) 100 meter	RFT	0	1640	0	1640
41	75 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX, ALPHA) 100 meter	RFT	328	0	0	328
42	50 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX) 500 feet coils	RFT	0	328	0	328
43	40 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX) 500 feet coils	RFT	0	328	0	328
44	32 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX) 500 feet coils	RFT	0	328	0	328
45	25 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX) 500 feet coils	RFT	0	656	0	656
46	20 mm Dia HDPE pipe (PN-10)	Equivalent Malaysian/Arangul turkey/German made	RFT	0	656	0	656
47	Equal Coupling 90mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	8	0	8
48	Equal Coupling 75mm	Equivalent Malaysian/Arangul turkey/German made	Nos	3	0	0	3

49	Equal Coupling 50mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	2	0	2
50	Equal Coupling 40mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	2	0	2
51	Equal Coupling 32mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	4	0	4
52	Equal Coupling 25mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	6	0	6
53	Equal Coupling 20mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	10	0	10
54	Male Adapter 90mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	8	0	8
55	Male Adapter 75mm	Equivalent Malaysian/Arangul turkey/German made	Nos	3	0	0	3
56	Male Adapter 50mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	1	0	1
57	Male Adapter 40mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	1	0	1
58	Male Adapter 32mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	2	0	2
59	Male Adapter 25mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	1	0	1
60	Male Adapter 20mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	8	0	8
61	Female Adapter 90mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	2	0	2
62	GI Elbow 2.5" Dia.	Equivalent to China HE brand	Nos	2	0	0	2
63	GI Elbow 4" Dia.	Equivalent to China HE brand	Nos	2	0	0	2
64	GI Union 3" Dia.	Equivalent to China HE brand	Nos	0	4	0	4
65	GI Nipple 3" Dia.	Equivalent to China HE brand	Nos	0	3	0	3
66	GI Elbow 3" Dia.	Equivalent to China HE brand	Nos	0	2	0	2

67	Brass Strainer 4" Dia	Good Quality	Nos	1	0	0	1
68	Brass Strainer 3" Dia	Good Quality	Nos	0	1	0	1
69	Brass Strainer 2.5" Dia	Good Quality	Nos	1	0	0	1
70	End Plug 4"	Equivalent to China HE brand	Nos	2	0	0	2
71	End Plug 3"	Equivalent to China HE brand	Nos	0	2	0	2
72	End Plug 2.5"	Equivalent to China HE brand	Nos	2	0	0	2
73	GI Pipe 4" dia 3' long, one side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	2	0	0	2
74	GI Pipe 4" dia 3' long, Both side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	1	0	0	1
75	GI Pipe 3" dia 3' long, one side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	0	3	0	3
76	GI Pipe 3" dia 3' long, Both side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	0	1	0	1
77	GI Pipe 2.5" dia 3' long, both side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	1	0	0	1
78	P-foam thickness 10mm	Good Quality	Sft	0	400	0	400
79	Chimney pipe 4.5" dia (Length per Pipe 6')	Made with Gi Sheet 27 Gauge	Nos	0	46	0	46
80	Tools bag (18" x 12" x 12")	Use Parachute heavy duty Cloth, Dark Blue colour with Hand strips, Best Quality Zip with 3 logos and writing note: heavey duty Zip Horizontally stretched	Nos	1	1	0	2



81	HDPE Pipe cutter working range 6mm to 63 mm	Equivalent to China Made	Nos	1	1	0	2
82	Pipe wrench 14"	Equivalent to China Made	Nos	1	1	0	2
83	Pipe wrench 18"	Equivalent to China Made	Nos	1	1	0	2
84	Heavy Duty Chain Pipe Wrench Capacity accommodates up to 90mm piping	Equivalent to China Made	Nos	1	1	0	2
85	Screw wrench 12"	12" Best Quality	Nos	1	1	0	2
86	Screw wrench 15"	15" Best Quality	Nos	1	1	0	2
87	Hammer with handle 500g	Good quality	Nos	1	1	0	2
88	Gi Pipe Cutting Saw	Good Quality with blade	Nos	1	1	0	2
89	Pliers	Steel, plastic coated handles, length 8" made in China	Nos	1	1	0	2
90	Measuring Tape 10 meter	Good quality	Nos	1	1	0	2
91	Heavy Duty Screw Driver 10"	Good Quality	Nos	1	1	0	2
92	Heavy Duty Screw Driver 8"	Good Quality	Nos	1	1	0	2
93	Paint	ICI Dulux 1 Gallons in Dark Blue and 1 are in white color	US Gallons	2	0	0	2
94	Paint thinner	Good quality	US Gallons	1	0	0	1
95	Iron hammer 8 kg	With Wooden Handle (Weight will be measure with out handle)	Nos	2	1	2	5
96	Iron rod for digging	4.5 feet length, diameter of rod 1.25" with 1st class iron made and proper place for hand grip	Nos	1	0	2	3

		Use 18 gauge container sheet capacity 2.5 cft painted, Tyre: Equivalent to service brand, Tyre size 4.00-8, PR-6 PR, Tyre Weight with Tolerance(gms) 2675±7%, Sec-Width (mm)-90 Rim:Design for heavy duty Welding/finishing and Painting will be up to satisfaction of engineer Note: all the material like iron sheet, angle iron tyre and rims should be design for heavy load.					
97	Wheel Barrow		Nos	1	1	2	4
98	Spade	Shovel/Spade (Bailcha),Equivalent to china made, weight 1.03 kg with 3'-9" long wooden handle,3 % Variation will acceptable in Weight, Handle should be smooth and fixed properly ready to use. Note spade weight will be measure with out handle	Nos	4	2	4	10
99	Pick axe	Pick Axe with wooden handle, weight 2.4 kg with out handle, 3 % Variation will acceptable in weight, Handle should be smooth and fixed properly ready to use length of Handle 3'	Nos	2	2	4	8
100	Steel pan	Metallic Pan (Taghari), Weight: 1Kg to 1.25 kg, Diameter: 14" to 15", GI	Nos	2	2	0	4
101	Work wear gloves for labor works	(Re-usable) Leather made	Pairs	6	6	10	22

Batch # 02						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
1	Excavation (Mechanical)	Excavation in ordinary soil	Cft	102075		
2	Excavation (Mechanical)	Excavation in hard rock require Blasting	Cft	6120		
3	Cement (50 Kg/ bag)	OPC (Ordinary Portland Cement) 10000 PSI	bag	1086		
4	Sand	Local washed	cft	213		
5	Gravel	Local washed	cft	13712		
6	Crush	Rock quarry wll graded	cft	311		
7	Steel 1/2"	Deformed	Kgs	477		
8	Steel #2	Deformed	Kgs	128		
9	Tie Wire/Binding wire	Flexible	Kgs	8		
10	Scaffolding Rectangular x-section	Poplar 6'x2.5"x2.5"	Nos	50		
11	Scaffolding circular shape	Poplar Wood Size (12',d=3")	Nos	16		

Batch # 02						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
12	Plywood for concrete formwork	Size 8'x4'x0.75"	Nos	35		
13	Iron Nails 2"	Iron nails,packed in strong and thick plastic bag	Kgs	23		
14	Iron Nails 3"	Iron nails, packed in strong and thick plastic bag	Kgs	11		
15	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED, concern & DFID Logos	Nos	3		
16	Gate Valve 2.5"	Equivalent to Almughal	Nos	1		
17	75 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX, ALPHA) 100 meter	RFT	328		
18	Male Adapter 75mm	Equivalent Malaysian/Arangul turkey/German made	Nos	1		
19	GI Pipe 3" dia 3' long, one side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	1		
20	Iron hammer 8 kg	With Wooden Handle (Weight will be measure with out handle)	Nos	4		
21	Iron rod for digging	4.5 feet length, diameter of rod 1.25" with 1st class iron made and proper place for hand grip	Nos	4		

Batch # 02						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
22	Wheel Barrow	Use 18 gauge container sheet capacity 2.5 cft painted, Tyre: Equivalent to service brand, Tyre size 4.00-8, PR-6 PR, Tyre Weight with Tolerance(gms) 2675±7%, Sec-Width (mm)-90Rim:Design for heavy duty Welding/finishing and Painting will be up to satisfaction of engineerNote: all the material like iron sheet, angle iron tyre and rims should be design for heavy load.	Nos	4		
23	Spade	Shovel/Spade (Bailcha),Equivalent to china made, weight 1.03 kg with 3'-9" long wooden handle,3 % Variation will acceptable in Weight, Handle should be smooth and fixed properly ready to use. Note spade weight will be measure with out handle	Nos	12		
24	Pick axe	Pick Axe with wooden handle, weight 2.4 kg with out handle, 3 % Variation will acceptable in weight, Handle should be smooth and fixed properly ready to use length of Handle 3'	Nos	8		
25	Steel pan	Metallic Pan (Taghari), Weight: 1Kg to 1.25 kg, Diameter: 14" to 15", GI	Nos	12		
26	Work wear gloves for labor works	(Re-usable) Leather made	Pairs	30		
Grand Total (PKR) Inclusive of all applicable taxes & Transportation						

BIDDER'S COMMENTS/REMARKS:

3. _____
4. _____
5. _____

Annex 2: Detail Estimate

District				upper Chitral			
Union Council				Kosht			
Village				Mul Kosht	Morder	Drungagh	
Scheme Type				IRC	IRC	Road	Total
S#	Description	Specification	Unit	Qty/Scheme			
1	Excavation (Mechanical)	Excavation in ordinary soil	Cft	0	0	102075	102075
2	Excavation (Mechanical)	Excavation in hard rock require Blasting	Cft	0	0	6120	6120
2	Cement (50 Kg/ bag)	OPC (Ordinary Portland Cement) 10000 PSI	Bags	557	284	244	1086
3	Sand	Local washed	cft	114	99	0	213
3	Gravel	Local washed	cft	7412	3552	2749	13712
4	Crush	Rock quarry wll graded	cft	152	158	0	311
4	Steel 1/2"	Deformed	Kgs	377	100	0	477
5	Steel #2	Deformed	Kgs	128	0	0	128
5	Tie Wire/Binding wire	Flexible	Kgs	6	2	0	8
6	Scaffolding Rectangular x-section	Poplar 6'x2.5"x2.5"	Nos	20	20	10	50
6	Scaffolding circular shape	Poplar Wood Size (12',d=3")	Nos	16	0	0	16
7	Plywood for concrete formwork	Size 8'x4'x0.75"	Nos	10	20	5	35
7	Iron Nails 2"	Iron nails,packed in strong and thick plastic bag	Kgs	10	10	3	23

8	Iron Nails 3"	Iron nails, packed in strong and thick plastic bag	Kgs	4	4	3	11
8	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED, concern & DFID Logos	Nos	1	1	1	3
9	Gate Valve 2.5"	Equivalent to Almughal	Nos	1	0	0	1
9	75 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX, ALPHA) 100 meter	RFT	328	0	0	328
10	Male Adapter 75mm	Equivalent Malaysian/Arangul turkey/German made	Nos	1	0	0	1
10	GI Pipe 3" dia 3' long, one side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	1	0	0	1
11	Iron hammer 8 kg	With Wooden Handle (Weight will be measure with out handle)	Nos	1	1	2	4
11	Iron rod for digging	4.5 feet length, diameter of rod 1.25" with 1st class iron made and proper place for hand grip	Nos	1	1	2	4

12	Wheel Barrow	<p>Use 18 gauge container sheet capacity 2.5 cft painted, Tyre: Equivalent to service brand, Tyre size 4.00-8, PR-6 PR, Tyre Weight with Tolerance(gms) 2675±7%, Sec-Width (mm)-90 Rim:Design for heavy duty Welding/finishing and Painting will be up to satisfaction of engineer Note: all the material like iron sheet, angle iron tyre and rims should be design for heavy load.</p>	Nos	1	1	2	4
12	Spade	<p>Shovel/Spade (Bailcha),Equivalent to china made, weight 1.03 kg with 3'-9" long wooden handle,3 % Variation will acceptable in Weight, Handle should be smooth and fixed properly ready to use. Note spade weight will be measure with out handle</p>	Nos	4	4	4	12
13	Pick axe	<p>Pick Axe with wooden handle, weight 2.4 kg with out handle, 3 % Variation will acceptable in weight, Handle should be smooth and fixed properly ready to use length of Handle 3'</p>	Nos	2	2	4	8

13	Steel pan	Metallic Pan (Taghari), Weight: 1Kg to 1.25 kg, Diameter: 14" to 15", GI	Nos	4	4	4	12
14	Work wear gloves for labor works	(Re-usable) Leather made	Pairs	10	10	10	30

Batch # 03						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
1	Excavation (Mechanical)	Excavation in ordinary soil	Cft	111104		
2	Cement (50 Kg/ bag)	OPC (Ordinary Portland Cement) 10000 PSI	Bags	2973		
3	RCC as in roof, beam column and other structural member cost insitu or precast	RCC 1:2:4 including ,placing compaction, finishing and curing	Cft	21630		
4	Sand	Local washed	cft	183		
5	Gravel	Local washed	cft	23849		
6	Crush	Rock quarry wll graded	cft	198		
7	Steel 1/2"	Deformed	Kgs	13622		
8	Steel #2	Deformed	Kgs	210		

**Batch # 03**

Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
9	Tie Wire/Binding wire	Flexible	Kgs	12		
10	Scaffolding Rectangular x-section	Poplar 6'x2.5"x2.5"	Nos	50		
11	Plywood for concrete formwork	Size 8'x4'x0.75"	Nos	22		
12	RCC Pipe Culvert	RCC pipe culvert of D=1.5',L=6'	0	10		
13	Iron Nails 2"	Iron nails,packed in strong and thick plastic bag	Kgs	8		
14	Iron Nails 3"	Iron nails, packed in strong and thick plastic bag	Kgs	8		
15	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED, concern & DFID Logos	Nos	2		
16	Iron hammer 8 kg	With Wooden Handle (Weight will be measure with out handle)	Nos	4		
17	Iron rod for digging	4.5 feet length, diameter of rod 1.25" with 1st class iron made and proper place for hand grip	Nos	4		
18	Wheel Barrow	Use 18 gauge container sheet capacity 2.5 cft painted, Tyre: Equivalent to service brand, Tyre size 4.00-8, PR-6 PR, Tyre Weight with Tolerance(gms) 2675±7%, Sec-Width (mm)-90	Nos	2		

Batch # 03						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
		Rim:Design for heavy duty Welding/finishing and Painting will be up to satisfaction of engineer Note: all the material like iron sheet, angle iron tyre and rims should be design for heavy load.				
19	Spade	Shovel/Spade (Bailcha),Equivalent to china made, weight 1.03 kg with 3'-9" long wooden handle,3 % Variation will acceptable in Weight, Handle should be smooth and fixed properly ready to use. Note spade weight will be measure with out handle	Nos	8		
20	Pick axe	Pick Axe with wooden handle, weight 2.4 kg with out handle, 3 % Variation will acceptable in weight, Handle should be smooth and fixed properly ready to use length of Handle 3'	Nos	8		
21	Steel pan	Metallic Pan (Taghari), Weight: 1Kg to 1.25 kg, Diameter: 14" to 15", GI	Nos	8		
22	Work wear gloves for labor works	(Re-usable) Leather made	Pairs	20		
Grand Total (PKR) Inclusive of all applicable taxes & Transportation						

Annex 3: Detail Estimate

District	upper Chitral		
Union Council	Owir		
Village	Riri	Gohkir	

Scheme Type				Road	Road	
S#	Description	Specification	Unit	Quantity		Total
1	Excavation (Mechanical)	Excavation in ordinary soil	Cft	111104	0	111104
2	Cement (50 Kg/ bag)	OPC (Ordinary Portland Cement) 10000 PSI	Bags	2448	525	2973
3	RCC as in roof,beam column and other structural member cost insitu or precast	RCC 1:2:4 including ,placing compaction,finishing and curing	Cft	17140	4490	21630
4	Sand	Local washed	cft	83	100	183
5	Gravel	Local washed	cft	20198	3651	23849
6	Crush	Rock quarry wll graded	cft	0	198	198
7	Steel 1/2"	Deformed	Kgs	7968	5654	13622
8	Steel #2	Deformed	Kgs	0	210	210
9	Tie Wire/Binding wire	Flexible	Kgs	6	6	12
10	Scaffolding Rectangular x-section	Poplar 6'x2.5"x2.5"	Nos	20	30	50
11	Plywood for concrete formwork	Size 8'x4'x0.75"	Nos	10	12	22
12	RCC Pipe Culvert	RCC pipe culvert of D=1.5',L=6'	0	4	6	10
13	Iron Nails 2"	Iron nails,packed in strong and thick plastic bag	Kgs	4	4	8
14	Iron Nails 3"	Iron nails, packed in strong and thick plastic bag	Kgs	4	4	8
15	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED, concern & DFID Logos	Nos	1	1	2

16	Iron hammer 8 kg	With Wooden Handle (Weight will be measure with out handle)	Nos	2	2	4
17	Iron rod for digging	4.5 feet length, diameter of rod 1.25" with 1st class iron made and proper place for hand grip	Nos	2	2	4
18	Wheel Barrow	Use 18 gauge container sheet capacity 2.5 cft painted, Tyre: Equivalent to service brand, Tyre size 4.00-8, PR-6 PR, Tyre Weight with Tolerance(gms) 2675±7%, Sec-Width (mm)-90 Rim:Design for heavy duty Welding/finishing and Painting will be up to satisfaction of engineer Note: all the material like iron sheet, angle iron tyre and rims should be design for heavy load.	Nos	1	1	2
19	Spade	Shovel/Spade (Bailcha),Equivalent to china made, weight 1.03 kg with 3'-9" long wooden handle,3 % Variation will acceptable in Weight, Handle should be smooth and fixed properly ready to use. Note spade weight will be measure with out handle	Nos	4	4	8

20	Pick axe	Pick Axe with wooden handle, weight 2.4 kg with out handle, 3 % Variation will acceptable in weight, Handle should be smooth and fixed properly ready to use length of Handle 3'	Nos	4	4	8
21	Steel pan	Metallic Pan (Taghari), Weight: 1Kg to 1.25 kg, Diameter: 14" to 15", GI	Nos	4	4	8
22	Work wear gloves for labor works	(Re-usable) Leather made	Pairs	10	10	20

Batch # 04						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
1	Exacavation (Mechanical/Manual)	Excavation in foundation of bridges or gravel formation	Cft	2304.0		
2	PCC(1:3:6) in abutment bed+bed,bond and copping of Retaining wall	Including placing ,compaction,finishing and curing	Cft	1952.7		
3	RCC(1:2:4) raft +wall of abutment	Including placing ,compaction,finishing and curing	cft	4077.9		
4	Masonry Stone for Retaining wall	Local best quality	cft	2880.0		
5	supply and fabricate MS 40 Reinforcement	Mild steel Grade 40	TON	2.7		
6	Filling,watering & Ramming earth behind retaining walls	Available Filling material/ surplus material	CFT	23040.0		

Batch # 04						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
7	transam I section(305x127x48)	Mughal steel/ equal	RFT	96.0		
8	Joist I section(203x102x23)	Mughal steel/ equal	RFT	240.0		
9	C-section(76x38x6.5x36)	Mughal steel/ equal	RFT	774.0		
10	Gusset plate Girder section (1000x102x4)	Mughal steel/ equal	Each	10.0		
11	gusset plate Transam/truss connection (300x150x4)	Mughal steel/ equal	Each	100.0		
12	gusset plate truss (150x150x4)	Mughal steel/ equal	Each	36.0		
13	Nut/Boult for GP Girder section(300x41.275x25.4) full threading	Approved quality/ ISO certified	Kg	67.8		
14	Nut/Boult for GP transam/truss connection(150x41.275x25.4) full threading	Approved quality/ ISO certified	Kg	422.4		
15	Achorage plate (305x102)	Mughal steel/ equal	Set	2.0		
16	cable clamps with atleast D=25.4mm	Approved quality/ ISO certified	each	10.0		

Batch # 04						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
17	Nut for anchorage plate and clamp connection	Approved quality/ ISO certified	kg	10.0		
18	Steel rope of atleast d=1.25" for suspension of bridges	Approved quality/ ISO certified	Rft	425.0		
19	Bridge Deck wooden plank	Deodar wood	Cft	80.0		
20	Bridge Deck steel mat	Mughal steel/ equal	Sft	480.0		
21	PVC sanitary pipe 50mm	Local market	Rft	104.0		
22	Welding of all connections of bridge	E70120	Job	1.0		
23	3 coat painting of complete bridge with weather sheet paint	ACTED Colour	Job	1.0		
24	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED & DFID Logos	Nos	1.0		
Grand Total (PKR) Inclusive of all applicable taxes & Transportation						

Annex 4: Detail Estimate

District				Upper Chitral	
Union Council				Yarkhoon	
Village				yarkhoon	
Scheme Type				Bridge	
S#	Description	Specification	Unit	Qty/Scheme	Total
1	Exacavation (Mechanical/Manual)	Excavation in foundation of bridges or gravel formation	Cft	2304	2304
2	PCC(1:3:6) in abutment bed+bed,bond and coping of Retaining wall	Including placing ,compaction,finishing and curing	Cft	1952.72	1952.72
3	RCC(1:2:4) raft +wall of abutment	Including placing ,compaction,finishing and curing	cft	4077.92	4077.92
4	Masonry Stone for Retaining wall	Local best quality	cft	2880	2880
5	supply and fabricate MS 40 Reinforcement	Mild steel Grade 40	TON	2.745	2.745
6	Filling,watering & Ramming earth behind retaining walls	Available Filling material/ surplus material	CFT	23040	23040
7	transam I section(305x127x48)	Mughal steel/ equal	RFT	96	96
8	Joist I section(203x102x23)	Mughal steel/ equal	RFT	240	240
9	C-section(76x38x6.5x36)	Mughal steel/ equal	RFT	774	774
10	Gusset plate Girder section (1000x102x4)	Mughal steel/ equal	Each	10	10
11	gusset plate Transam/truss connection (300x150x4)	Mughal steel/ equal	Each	100	100
12	gusset plate truss (150x150x4)	Mughal steel/ equal	Each	36	36
13	Nut/Boult for GP Girder section(300x41.275x25.4) full threading	Approved quality/ ISO certified	Kg	67.776	67.776
14	Nut/Boult for GP transam/truss connection(150x41.275x25.4) full threading	Approved quality/ ISO certified	Kg	422	422.4
15	Achorage plate (305x102)	Mughal steel/ equal	Set	2	2
16	cable clamps with atleast D=25.4mm	Approved quality/ ISO certified	each	10	10
17	Nut for anchorage plate and clamp connection	Approved quality/ ISO certified	kg	10	10
18	Steel rope of atleast d=1.25" for suspension of bridges	Approved quality/ ISO certified	Rft	425	425
19	Bridge Deck wooden plank	Deodar wood	Cft	80	80
20	Bridge Deck steel mat	Mughal steel/ equal	Sft	480	480
21	PVC sanitary pipe 50mm	Local market	Rft	104	104
22	Welding of all connections of bridge	E70120	Job	1	1



23	3 coat painting of complete bridge with weather sheet paint	ACTED Colour	Job	1	1
24	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED & DFID Logos	Nos	1	1

Batch # 05						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
1	Cement (50 Kg/ bag)	OPC (Ordinary Portland Cement) 10000 PSI	Bags	193		
2	Sand	Local washed	cft	266		
3	Gravel	Local washed	cft	1132		
4	Steel 1/2"	Deformed	Kgs	1755		
5	Tie Wire/Binding wire	Flexible	Kgs	20		
6	Planks	Poplar 6'x6"x1"	Nos	40		
7	Wooden support for shuttering Work	Poplar Wood Size (8'X2.5"X2")	Nos	60		
8	Plywood for concrete formwork	Size 8'x4'x0.75"	Nos	32		
9	Iron Nails 2"	Iron nails,packed in strong and thick plastic bag	Kgs	2		
10	Iron Nails 3"	Iron nails, packed in strong and thick plastic bag	Kgs	4		
11	Iron Nails 4"	Iron nails, packed in strong and thick plastic bag	Kgs	6		

Batch # 05

Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
12	Iron Nails 6"	Iron nails, packed in strong and thick plastic bag	Kgs	4		
13	Metal Cover (2' x 2')	GI Metal Cover, 16 Gauge Sheet made, with angle iron frame and lock arrangement umbrella type.	Nos	4		
14	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED, concern & DFID Logos	Nos	2		
15	Gate Valve 2.5"	Equivalent to Almughal	Nos	4		
16	75 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX, ALPHA) 100 meter	RFT	328		
17	Equal Coupling 75mm	Equivalent Malaysian/Arangul turkey/German made	Nos	4		
18	Equal Coupling 63mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2		
19	Equal Coupling 50mm	Equivalent Malaysian/Arangul turkey/German made	Nos	3		
20	Equal Coupling 40mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2		
21	Equal Coupling 32mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2		
22	Equal Coupling 25mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2		
23	Male Adapter 75mm	Equivalent Malaysian/Arangul turkey/German made	Nos	6		
24	Male Adapter 63mm	Equivalent Malaysian/Arangul turkey/German made	Nos	4		
25	Male Adapter 50mm	Equivalent Malaysian/Arangul turkey/German made	Nos	6		

Batch # 05						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
26	Male Adapter 40mm	Equivalent Malaysian/Arangul turkey/German made	Nos	4		
27	Male Adapter 32mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2		
28	Male Adapter 25mm	Equivalent Malaysian/Arangul turkey/German made	Nos	6		
29	Brass Strainer 2.5" Dia	Good Quality	Nos	1		
30	End Plug 2.5"	Equivalent to China HE brand	Nos	1		
31	Tools bag (18" x 12" x 12")	Use Parachute heavy duty Cloth, Dark Blue colour with Hand strips, Best Quality Zip with 3 logos and writing note: heavy duty Zip Horizontally stretched	Nos	2		
32	HDPE Pipe cutter working range 6mm to 63 mm	Equivalent to China Made	Nos	2		
33	Pipe wrench 14"	Equivalent to China Made	Nos	2		
34	Pipe wrench 18"	Equivalent to China Made	Nos	2		
35	Heavy Duty Chain Pipe Wrench Capacity accommodates up to 90mm piping	Equivalent to China Made	Nos	2		
36	Screw wrench 12"	12" Best Quality	Nos	2		
37	Screw wrench 15"	15" Best Quality	Nos	2		
38	Hammer with handle 500g	Good quality	Nos	2		
39	Gi Pipe Cutting Saw	Good Quality with blade	Nos	2		
40	Pliers	Steel, plastic coated handles, length 8" made in China	Nos	2		
41	Measuring Tape 10 meter	Good quality	Nos	2		
42	Heavy Duty Screw Driver 10"	Good Quality	Nos	2		

Batch # 05						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
43	Heavy Duty Screw Driver 8"	Good Quality	Nos	2		
44	Paint	ICI Dulux 1 Gallons in Dark Blue and 1 are in white color	US Gallons	4		
45	Paint thinner	Good quality	US Gallons	2		
46	Wheel Barrow	Use 18 gauge container sheet capacity 2.5 cft painted, Tyre: Equivalent to service brand, Tyre size 4.00-8, PR-6 PR, Tyre Weight with Tolerance(gms) 2675±7%, Sec-Width (mm)-90 Rim:Design for heavy duty Welding/finishing and Painting will be up to satisfaction of engineer Note: all the material like iron sheet, angle iron tyre and rims should be design for heavy load.	Nos	2		
47	Spade	Shovel/Spade (Bailcha),Equivalent to china made, weight 1.03 kg with 3'-9" long wooden handle,3 % Variation will acceptable in Weight, Handle should be smooth and fixed properly ready to use. Note spade weight will be measure with out handle	Nos	6		
48	Pick axe	Pick Axe with wooden handle, weight 2.4 kg with out handle, 3 % Variation will acceptable in weight, Handle should be smooth and fixed properly ready to use length of Handle 3'	Nos	4		
49	Steel pan	Metallic Pan (Taghari), Weight: 1Kg to 1.25 kg, Diameter: 14" to 15", GI	Nos	8		
50	Work wear gloves for labor works	(Re-usable) Leather made	Pairs	12		
Grand Total (PKR) Inclusive of all applicable taxes & Transportation						

Annex 5: Detail Estimate

District				Upper Chitral	Upper Chitral	
Union Council				Yarkhoon	Yarkhoon	
Village				Bang	Dewseer	
Scheme Type				WSS	WSS	
S#	Description	Specification	Unit	Qty/Scheme		Total
1	Cement (50 Kg/ bag)	OPC (Ordinary Portland Cement) 10000 PSI	Bags	100	93	193
2	Sand	Local washed	cft	136	130	266
3	Gravel	Local washed	cft	590	542	1132
4	Steel 1/2"	Deformed	Kgs	915	840	1755
5	Tie Wire/Binding wire	Flexible	Kgs	10	10	20
6	Planks	Poplar 6'x6"x1"	Nos	20	20	40
7	Wooden support for shuttering Work	Poplar Wood Size (8'X2.5"X2")	Nos	30	30	60
8	Plywood for concrete formwork	Size 8'x4'x0.75"	Nos	16	16	32
9	Iron Nails 2"	Iron nails,packed in strong and thick plastic bag	Kgs	1	1	2
10	Iron Nails 3"	Iron nails, packed in strong and thick plastic bag	Kgs	2	2	4
11	Iron Nails 4"	Iron nails, packed in strong and thick plastic bag	Kgs	3	3	6
12	Iron Nails 6"	Iron nails, packed in strong and thick plastic bag	Kgs	2	2	4
13	Metal Cover (2' x 2')	GI Metal Cover,16 Gauge Sheet made, with angle iron frame and lock arrangement umbrella type.	Nos	1	3	4

		Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED, concern & DFID Logos				
14	Sign Board 4'x3'		Nos	1	1	2
15	Gate Valve 2.5"	Equivalent to Almughal	Nos	2	2	4
16	75 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX, ALPHA) 100 meter	RFT	328	0	328
17	Equal Coupling 75mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2	2	4
18	Equal Coupling 63mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	2	2
19	Equal Coupling 50mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	3	3
20	Equal Coupling 40mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	2	2
21	Equal Coupling 32mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	2	2
22	Equal Coupling 25mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	2	2
23	Male Adapter 75mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2	4	6
24	Male Adapter 63mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	4	4
25	Male Adapter 50mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	6	6
26	Male Adapter 40mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	4	4
27	Male Adapter 32mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	2	2

28	Male Adapter 25mm	Equivalent Malaysian/Arangul turkey/German made	Nos	0	6	6
29	Brass Strainer 2.5" Dia	Good Quality	Nos	1	0	1
30	End Plug 2.5"	Equivalent to China HE brand	Nos	1	0	1
31	Tools bag (18" x 12" x 12")	Use Parachute heavy duty Cloth, Dark Blue colour with Hand strips, Best Quality Zip with 3 logos and writing note: heavey duty Zip Horizontally stretched	Nos	1	1	2
32	HDPE Pipe cutter working range 6mm to 63 mm	Equivalent to China Made	Nos	1	1	2
33	Pipe wrench 14"	Equivalent to China Made	Nos	1	1	2
34	Pipe wrench 18"	Equivalent to China Made	Nos	1	1	2
35	Heavy Duty Chain Pipe Wrench Capacty accommodates up to 90mm piping	Equivalent to China Made	Nos	1	1	2
36	Screw wrench 12"	12" Best Quality	Nos	1	1	2
37	Screw wrench 15"	15" Best Quality	Nos	1	1	2
38	Hammer with handle 500g	Good quality	Nos	1	1	2
39	Gi Pipe Cutting Saw	Good Quality with blade	Nos	1	1	2
40	Pliers	Steel, plastic coated handles, length 8" made in China	Nos	1	1	2
41	Measuring Tape 10 meter	Good quality	Nos	1	1	2
42	Heavy Duty Screw Driver 10"	Good Quality	Nos	1	1	2
43	Heavy Duty Screw Driver 8"	Good Quality	Nos	1	1	2
44	Paint	ICI Duluk 1 Gallons in Dark Blue and 1 are in white color	US Gallons	2	2	4
45	Paint thinner	Good quality	US Gallons	1	1	2
46	Wheel Barrow	Use 18 gauge container sheet capacity 2.5 cft painted, Tyre: Equivalent to service brand, Tyre size 4.00-8, PR-6 PR, Tyre Weight with Tolerance(gms) 2675±7%, Sec-Width (mm)-90 Rim:Design for heavy duty	Nos	1	1	2

		Welding/finishing and Painting will be up to satisfaction of engineer Note: all the material like iron sheet, angle iron tyre and rims should be design for heavy load.				
47	Spade	Shovel/Spade (Bailcha), Equivalent to china made, weight 1.03 kg with 3'-9" long wooden handle, 3 % Variation will acceptable in Weight, Handle should be smooth and fixed properly ready to use. Note spade weight will be measure with out handle	Nos	3	3	6
48	Pick axe	Pick Axe with wooden handle, weight 2.4 kg with out handle, 3 % Variation will acceptable in weight, Handle should be smooth and fixed properly ready to use length of Handle 3'	Nos	2	2	4
49	Steel pan	Metallic Pan (Taghari), Weight: 1Kg to 1.25 kg, Diameter: 14" to 15", GI	Nos	4	4	8
50	Work wear gloves for labor works	(Re-usable) Leather made	Pairs	6	6	12

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Batch # 06						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
1	Excavation (Mechanical/Manual)	Excavation in foundation of bridges or gravel formation	Cft	2304		
2	PCC(1:3:6) in abutment bed+bed,bond and coping of Retaining wall	Including placing ,compaction,finishing and curing	Cft	1952.72		
3	RCC(1:2:4) raft +wall of abutment	Including placing ,compaction,finishing and curing	cft	4077.92		

**Batch # 06**

Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
4	Masonry Stone for Retaining wall	Local best quality	cft	2880		
5	supply and fabricate MS 40 Reinforcement	Mild steel Grade 40	TON	2.745		
6	Filling,watering & Ramming earth behind retaining walls	Available Filling material/ surplus material	CFT	23040		
7	transam I section(305x127x48)	Mughal steel/ equal	RFT	96		
8	Joist I section(203x102x23)	Mughal steel/ equal	RFT	240		
9	C-section(76x38x6.5x36)	Mughal steel/ equal	RFT	774		
10	Gusset plate Girder section (1000x102x4)	Mughal steel/ equal	Each	10		
11	gusset plate Transam/truss connection (300x150x4)	Mughal steel/ equal	Each	100		
12	gusset plate truss (150x150x4)	Mughal steel/ equal	Each	36		
13	Nut/Boult for GP Girder section(300x41.275x25.4) full threading	Approved quality/ ISO certified	Kg	67.776		
14	Nut/Boult for GP transam/truss connection(150x41.275x25.4) full threading	Approved quality/ ISO certified	Kg	422.4		
15	Achorage plate (305x102)	Mughal steel/ equal	Set	2		

Batch # 06						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
16	cable clamps with atleast D=25.4mm	Approved quality/ ISO certified	each	10		
17	Nut for anchorage plate and clamp connection	Approved quality/ ISO certified	kg	10		
18	Steel rope of atleast d=1.25" for suspension of bridges	Approved quality/ ISO certified	Rft	425		
19	Bridge Deck wooden plank	Deodar wood	Cft	80		
20	Bridge Deck steel mat	Mughal steel/ equal	Sft	480		
21	PVC sanitary pipe 50mm	Local market	Rft	104		
22	Welding of all connections of bridge	E70120	Job	1		
23	3 coat painting of complete bridge with weather sheet paint	ACTED Colour	Job	1		
24	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED & DFID Logos	Nos	1		
Grand Total (PKR) Inclusive of all applicable taxes & Transportation						

Annex 6: Detail Estimate

District				Lower Chitral
Union Council				Karimabad
Village				Susoom
Scheme Type				Bridge
S#	Description	Specification	Unit	Qty
1	Exacavation (Mechanical/Manual)	Excavation in foundation of bridges or gravel formation	Cft	2304
2	PCC(1:3:6) in abutment bed+bed,bond and coping of Retaining wall	Including placing ,compaction,finishing and curing	Cft	1952.72
3	RCC(1:2:4) raft +wall of abutment	Including placing ,compaction,finishing and curing	cft	4077.92
4	Masonry Stone for Retaining wall	Local best quality	cft	2880
5	supply and fabricate MS 40 Reinforcement	Mild steel Grade 40	TON	2.745
6	Filling,watering & Ramming earth behind retaining walls	Available Filling material/ surplus material	CFT	23040
7	transam I section(305x127x48)	Mughal steel/ equal	RFT	96
8	Joist I section(203x102x23)	Mughal steel/ equal	RFT	240
9	C-section(76x38x6.5x36)	Mughal steel/ equal	RFT	774
10	Gusset plate Girder section (1000x102x4)	Mughal steel/ equal	Each	10
11	gusset plate Transam/truss connection (300x150x4)	Mughal steel/ equal	Each	100
12	gusset plate truss (150x150x4)	Mughal steel/ equal	Each	36
13	Nut/Boult for GP Girder section(300x41.275x25.4) full threading	Approved quality/ ISO certified	Kg	67.776
14	Nut/Boult for GP transam/truss connection(150x41.275x25.4) full threading	Approved quality/ ISO certified	Kg	422.4
15	Achorage plate (305x102)	Mughal steel/ equal	Set	2
16	cable clamps with atleast D=25.4mm	Approved quality/ ISO certified	each	10



17	Nut for anchorage plate and clamp connection	Approved quality/ ISO certified	kg	10
18	Steel rope of atleast d=1.25" for suspension of bridges	Approved quality/ ISO certified	Rft	425
19	Bridge Deck wooden plank	Deodar wood	Cft	80
20	Bridge Deck steel mat	Mughal steel/ equal	Sft	480
21	PVC sanitary pipe 50mm	Local market	Rft	104
22	Welding of all connections of bridge	E70120	Job	1
23	3 coat painting of complete bridge with weather sheet paint	ACTED Colour	Job	1
24	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED & DFID Logos	Nos	1

Batch # 07						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
1	Supply & Installation of Solar energy based Submersible Pump (ISO – 9906 Certified) Coupled with submersible Electric Motor, rewind-able (Copper Winding) capable of giving discharge 7.14 LPS. The actual working hours of pumping water on a particular day (8 hours) at total dynamic head 80 Feet, pipe length from source to end point 328 Feet and well depth is 20' feet along-with Solar Panel (A-Grade, Mono-crystalline), Mounting Structure Manual Solar Tracker, Cable for DC wiring with PVC conduits Controller/Inverter, Submersible Flat Cable, , Top	-	Job	1		


Batch # 07

Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
	<p>Set (Bend, Suspension Clamps, Cable Ties, Nut Bolts & Rubber Gaskets etc.) , Gi steel frame or Gi Pipe frame with foundation, & installation of Pump Controller with Automatic Dry Run Shut Off sensor complete in all respect including all necessary items as per specification/bidding documents/as directed by ACTED engineer all technical specification of Solar machinery are Attached.</p> <p>contractor should be complete the work according to the Attached with name of village Bombagh technical specifications and also sign and Stamp all the pages of technical specifications.</p> <p>Warranty's details are mention in the attached descriptions, after the final testing contractor should be provide warranty's from Authorized distributor for each item (Solar panel, Pump, Motor and Invertor).</p> <p>SYSTEM DESIGN/SIZING:</p> <p>De-rating factors should be applied while designing the system in order to have compensations for variations in irradiance. The motor output (BHP) should be at least 20% more than the pump required input power (Shaft Power). Also the panel peak power at STC (Wp) should be 50% more than the maximum required input power of the motor (motor consumption). The PV Array size must be calculated as under:</p> $PV \text{ Array Size (Wp)} \geq ((\text{Discharge (m}^3/\text{hr)} * \text{Head (m)} * 9810) / (3600 * \text{Pump Efficiency (\%)} * \text{Motor Efficiency(\%)}) * 1.5$					

Batch # 07						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
	The sizing criteria presented here in will form the basis for technical evaluation of the design. The design data will have to be provided in technical bid. The financial bid of only those bidders will be considered for onward processing whose design/ sizing is found in line with the criteria presented above. Proper angle iron made base should provide to place the pump horizontally in well					
2	Cement	OPL, 10000 psi	Bags	56		
3	Sand	Local washed	Cft	126		
4	Gravel	Local washed	Cft	459		
5	Stone	Local River Broken Stone with good shape	cft	7557		
6	Hollow concrete Block	Class A size 16"x6"x8"	Nos	400		
7	Supply and Installation HDPE Pipe 90 mm including Excavation for Pipe depth minimum 2'	(PN-16/SDR-11(equivalent to ALPHA or DADEX) 100 meters length	RFT	328		
8	Straight Coupler 90 mm	Equivalent Malaysian/Arangul turkey/German made	Nos	8		
9	Male adaptor 90 mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2		
10	GI Pipe 3" dia, 2' long with one side threaded, 6" long angle Iron weld with Pipe	Equivalent to IIL-L Karachi	Nos	2		
11	GI Pipe 0.5" dia 2' long with one side threaded 6" long angle Iron weld with Pipe	Equivalent to IIL-L Karachi	Nos	2		

Batch # 07						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
12	Steel Tap 0.5"	Equivalent to faisal	Nos	2		
13	Gi Socket 3"	Equivalent China HE	Nos	2		
14	Gi Socket 0.5"	Equivalent China HE	Nos	2		
15	Gi Elbow 3"	Equivalent China HE	Nos	1		
16	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron wielded with pedestal, Background color white, both side writing with ACTED & DFID Logos	Nos	1		
17	Supply & Installation of Barbed wire over Protection Wall	Wire BWG 14, Barab Sapcing 3" to 4",	Kgs	25		
18	Supply & Installation angle angle Iron 12 gauge	3'x2"	Nos	20		
19	Paint	ICI	Gallons	6		
20	Paint thinner	ICI	Gallons	3		
21	Labor charges for painting work	2 coat	Sft	516		
22	Tools bag (18" x 12" x 12")	Use Parachute heavy duty Cloth, Dark Blue colour with Hand strips, Best Quality Zip with 3 logos and writing note: heavey duty Zip Horizontally stretched	Nos	1		
23	HDPE Pipe cutter working range 6mm to 63 mm	Equivalent to China Made	Nos	1		
24	Pipe wrench 14"	Equivalent to China Made	Nos	1		

Batch # 07						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
25	Pipe wrench 18"	Equivalent to China Made	Nos	1		
26	Heavy Duty Chain Pipe Wrench Capacity accommodates up to 90mm piping	Equivalent to China Made	Nos	1		
27	Screw wrench 12"	12" Best Quality	Nos	1		
28	Screw wrench 15"	15" Best Quality	Set	1		
29	Hammer with handle 500g	Good quality	Nos	1		
30	Gi Pipe Cutting Saw	Good Quality with blade	Nos	1		
31	Pliers	Steel, plastic coated handles, length 8" made in China	Nos	1		
32	Measuring Tape 10 meter	Good quality	Nos	1		
33	Heavy Duty Screw Driver 10"	Good Quality	Nos	1		
34	Heavy Duty Screw Driver 8"	Good Quality	Nos	1		
35	GI Wire	8. No.	Kgs	522		
36	Excavation through Mechanical excavator	for the excavation of Water pond size of pond Length=26', Width=22', Height 22' Earth strata are shingle ,Gravel and Boulder from ground level to 22' feet depth including dewatering with Dewatering pumps if required, payment will done on actual work done	Cft	13156		
37	Blasting in Rivers Boulders	<ul style="list-style-type: none"> • Diameter of Boulders 3 to 5 feet • Hole depth 1 to 2 feet • Including all Material use in Blasting 	Nos	40		
38	Only Labor charges for Dry stone work with wire mesh including mesh making	Only labor Charges in dry and wet surface including dewatering pumps charges, No. of pumps will be arrange as per demand	Cft	5713		

Batch # 07						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
39	Only Labor charges for PCC 1:2:4 as in pond Walls Top	Including placing ,compaction,finishing and curing	Cft	88		
40	Only Labor charges Hollow Block Protection Wall around Pond	Including curing	Cft	172		
41	Only Labor Charges for PCC 1:2:4 as in coping over Protection Wall around pond	Including placing ,compaction,finishing and curing	Cft	7		
42	Only Labor charges Plaster Work on Protection Wall inner+outer 1:5	Including curing	Sft	516		
43	Only Labor charges for PCC 1:2:4 as in Bed of Basin Tank	Including placing ,compaction,finishing and curing	Cft	49		
44	Only Labor Charges for Plum concrete walls 70% boulder PCC 1:2:4 as in Basin tank	Including placing ,compaction,finishing and curing	Cft	144		
45	Only Labor charges for PCC 1:2:4 as in Outlet channel (Base and Walls)	Including placing ,compaction, finishing, Shuttering work and curing	Cft	45		
46	Supply and Installation of GI corrugated Sheet made Door with angle Iron frame 2" gauge 12	Corrugated Sheet Gauge 18 size(3'x4') with Inner outer side lock and handle arrangement	Job	1		
Grand Total (PKR) Inclusive of all applicable taxes & Transportation						

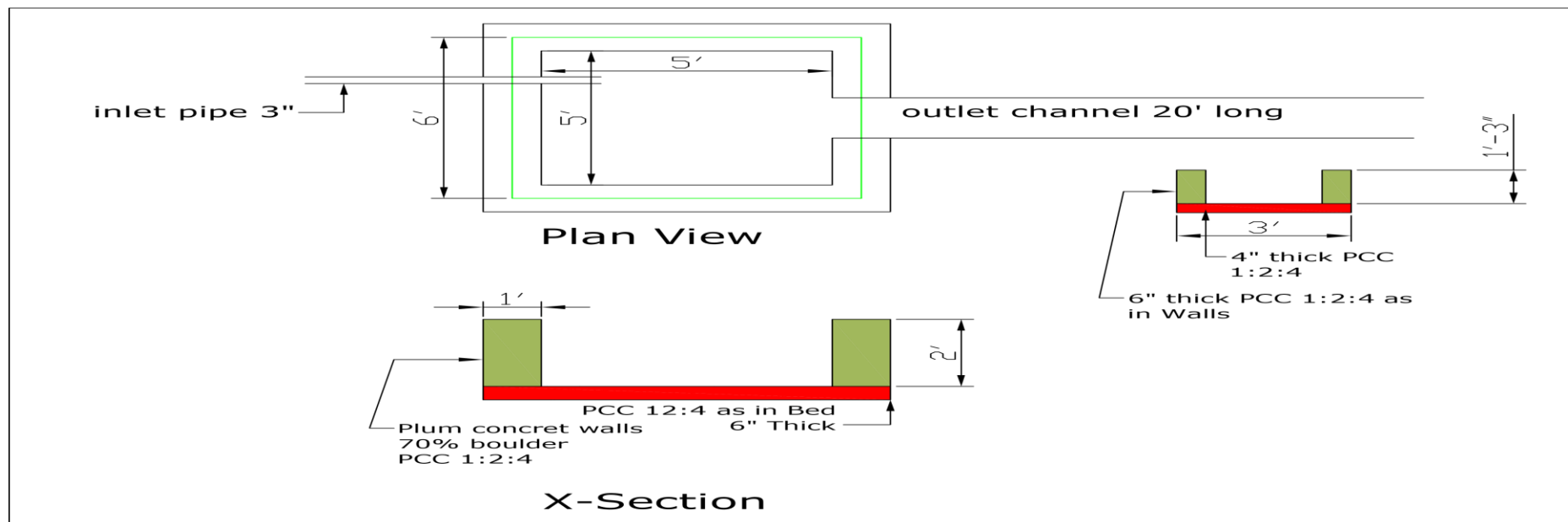
Annex 7: Detail Estimate

District				Lower Chitral
Union Council				Kosht
Village				Bombagh
S#	Description	Specification	Unit	Qty
1	<p>Supply & Installation of Solar energy based Submersible Pump (ISO – 9906 Certified) Coupled with submersible Electric Motor, rewind-able (Copper Winding) capable of giving discharge 7.14 LPS. The actual working hours of pumping water on a particular day (8 hours) at total dynamic head 80 Feet, pipe length from source to end point 328 Feet and well depth is 20' feet along-with Solar Panel (A-Grade, Mono-crystalline), Mounting Structure Manual Solar Tracker, Cable for DC wiring with PVC conduits Controller/Inverter, Submersible Flat Cable, , Top Set (Bend, Suspension Clamps, Cable Ties, Nut Bolts & Rubber Gaskets etc.) , Gi steel frame or Gi Pipe frame with foundation, & installation of Pump Controller with Automatic Dry Run Shut Off sensor complete in all respect including all necessary items as per specification/bidding documents/as directed by ACTED engineer all technical specification of Solar machinery are Attached.</p> <p>contractor should be complete the work according to the Attached with name of village Bombagh technical specifications and also sign and Stamp all the pages of technical specifications.</p> <p>Warranty's details are mention in the attached descriptions, after the final testing contractor should be provide warranty's from Authorized distributor for each item (Solar panel, Pump, Motor and Invertor).</p> <p>SYSTEM DESIGN/SIZING:</p> <p>De-rating factors should be applied while designing the system in order to have compensations for variations in irradiance. The motor output (BHP) should be at least 20% more than the pump required input power (Shaft Power). Also the panel peak power at STC (Wp) should be 50% more than the maximum required input power of the motor (motor consumption). The PV Array size must be calculated as under:</p> $PV \text{ Array Size (Wp)} \geq ((\text{Discharge (m}^3/\text{hr)} * \text{Head (m)} * 9810) / (3600 * \text{Pump Efficiency (\%)} * \text{Motor Efficiency(\%)})) * 1.5$ <p>The sizing criteria presented here in will form the basis for technical evaluation of the design. The design data will have to be provided in technical bid. The financial bid of only those bidders will be considered for onward processing whose design/ sizing is found in line with the criteria presented above.</p> <p>Proper angle iron made base should provide to place the pump horizontally in well</p>		Job	1
2	Cement	OPL, 10000 psi	Bags	56
3	Sand	Local washed	Cft	126
4	Gravel	Local washed	Cft	459

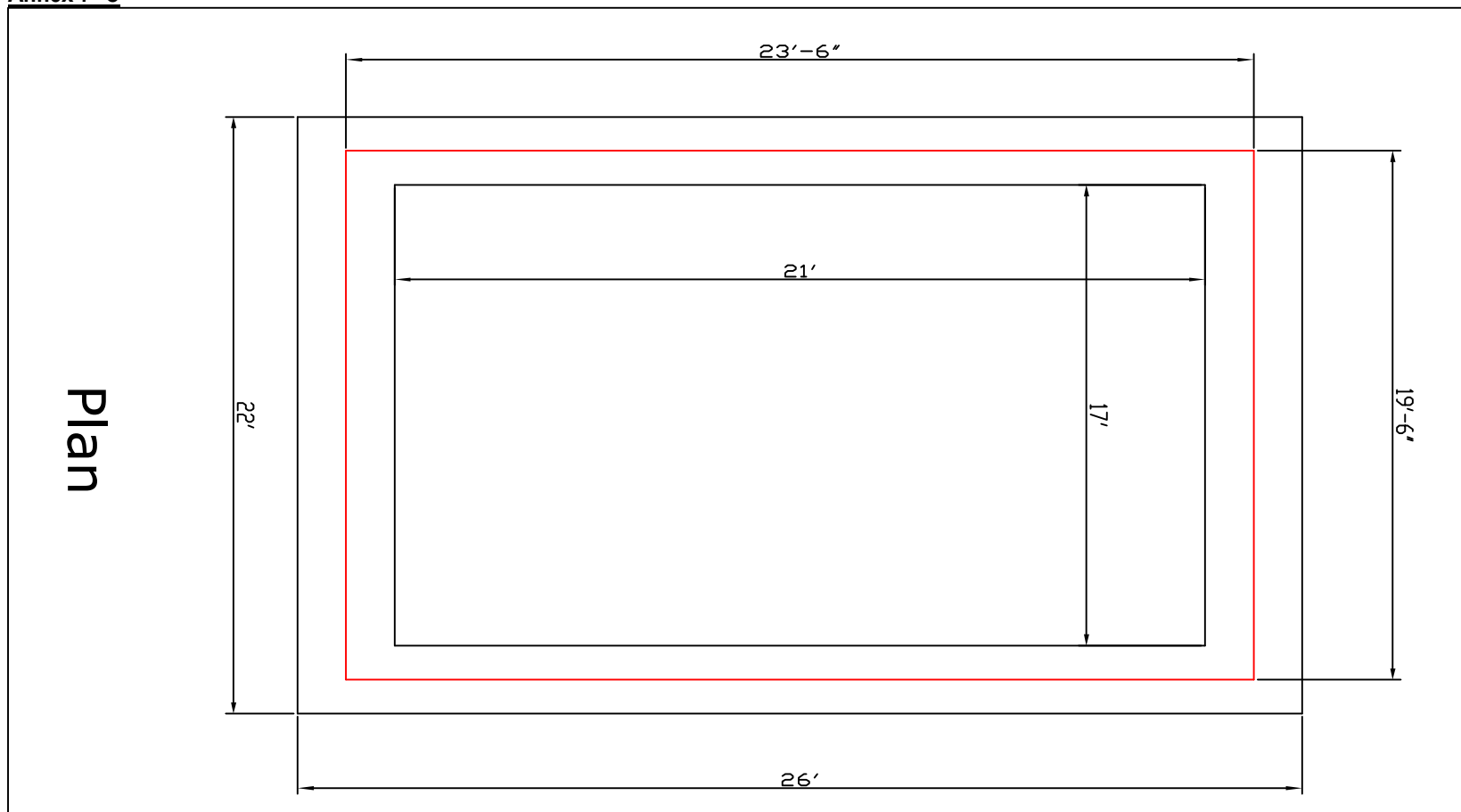
5	Stone	Local River Broken Stone with good shape	cft	7557
6	Hollow concrete Block	Class A size 16"x6"x8"	Nos	400
7	Supply and Installation HDPE Pipe 90 mm including Excavation for Pipe depth minimum 2'	(PN-16/SDR-11 (equivalent to ALPHA or DADEX) 100 meters length	RFT	328
8	Straight Coupler 90 mm	Equivalent Malaysian/Arangul turkey/German made	Nos	8
9	Male adaptor 90 mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2
10	GI Pipe 3" dia, 2' long with one side threaded, 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	2
11	GI Pipe 0.5" dia 2' long with one side threaded 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	2
12	Steel Tap 0.5"	Equivalent to faisal	Nos	2
13	GI Socket 3"	Equivalent China HE	Nos	2
14	GI Socket 0.5"	Equivalent China HE	Nos	2
15	GI Elbow 3"	Equivalent China HE	Nos	1
16	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED & DFID Logos	Nos	1
17	Supply & Installation of Barbed wire over Protection Wall	Wire BWG 14, Barbed Spacing 3" to 4",	Kgs	25
18	Supply & Installation angle angle Iron 12 gauge	3'x2"	Nos	20
19	Paint	ICI	Gallons	6
20	Paint thinner	ICI	Gallons	3
21	Labor charges for painting work	2 coat	Sft	516
22	Tools bag (18" x 12" x 12")	Use Parachute heavy duty Cloth, Dark Blue colour with Hand strips, Best Quality Zip with 3 logos and writing note: heavy duty Zip Horizontally stretched	Nos	1
23	HDPE Pipe cutter working range 6mm to 63 mm	Equivalent to China Made	Nos	1
24	Pipe wrench 14"	Equivalent to China Made	Nos	1
25	Pipe wrench 18"	Equivalent to China Made	Nos	1
26	Heavy Duty Chain Pipe Wrench Capacity accommodates up to 90mm piping	Equivalent to China Made	Nos	1

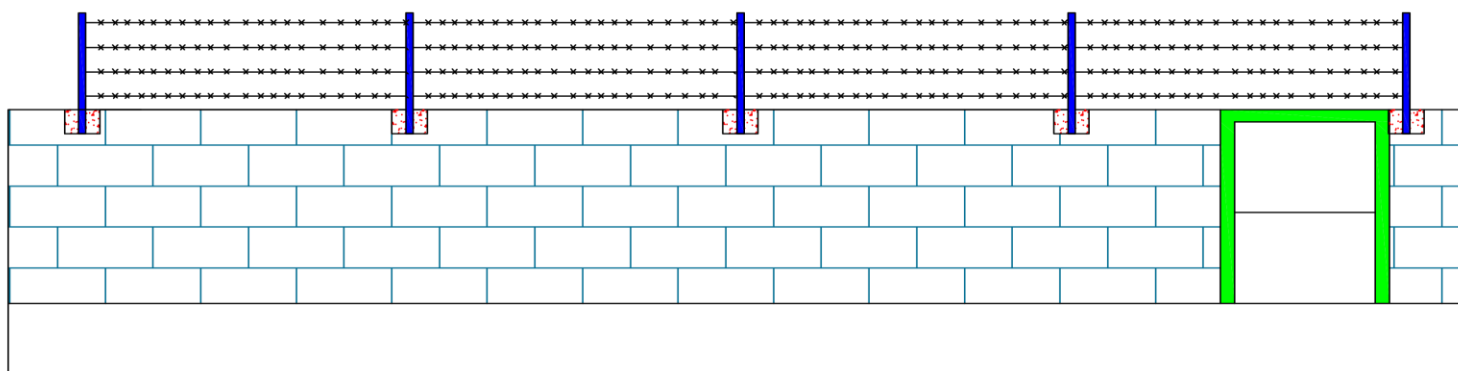
27	Screw wrench 12"	12" Best Quality	Nos	1
28	Screw wrench 15"	15" Best Quality	Set	1
29	Hammer with handle 500g	Good quality	Nos	1
30	Gi Pipe Cutting Saw	Good Quality with blade	Nos	1
31	Pliers	Steel, plastic coated handles, length 8" made in China	Nos	1
32	Measuring Tape 10 meter	Good quality	Nos	1
33	Heavy Duty Screw Driver 10"	Good Quality	Nos	1
34	Heavy Duty Screw Driver 8"	Good Quality	Nos	1
35	GI Wire	8. No.	Kgs	522
36	Excavation through Mechanical excavator	for the excavation of Water pond size of pond Length=26', Width=22', Height 22' Earth strata are shingle ,Gravel and Boulder from ground level to 22' feet depth including dewatering with Dewatering pumps if required, payment will done on actual work done	Cft	13156
37	Blasting in Rivers Boulders	<ul style="list-style-type: none"> • Diameter of Boulders 3 to 5 feet • Hole depth 1 to 2 feet • Including all Material use in Blasting 	Nos	40
38	Only Labor charges for Dry stone work with wire mesh including mesh making	Only labor Charges in dry and wet surface including dewatering pumps charges, No. of pumps will be arrange as per demand	Cft	5713
39	Only Labor charges for PCC 1:2:4 as in pond Walls Top	Including placing ,compaction,finishing and curing	Cft	88
40	Only Labor charges Hollow Block Protection Wall around Pond	Including curing	Cft	172
41	Only Labor Charges for PCC 1:2:4 as in coping over Protection Wall around pond	Including placing ,compaction,finishing and curing	Cft	7
42	Only Labor charges Plaster Work on Protection Wall inner+outer 1:5	Including curing	Sft	516
43	Only Labor charges for PCC 1:2:4 as in Bed of Basin Tank	Including placing ,compaction,finishing and curing	Cft	49
44	Only Labor Charges for Plum concrete walls 70% boulder PCC 1:2:4 as in Basin tank	Including placing ,compaction,finishing and curing	Cft	144
45	Only Labor charges for PCC 1:2:4 as in Outlet channel (Base and Walls)	Including placing ,compaction, finishing, Shuttering work and curing	Cft	45
46	Supply and Installation of GI corrugated Sheet made Door with angle Iron frame 2" gauge 12	Corrugated Sheet Gauge 18 size(3'x4') with Inner outer side lock and handle arrangement	Job	1

Annex 7 - A

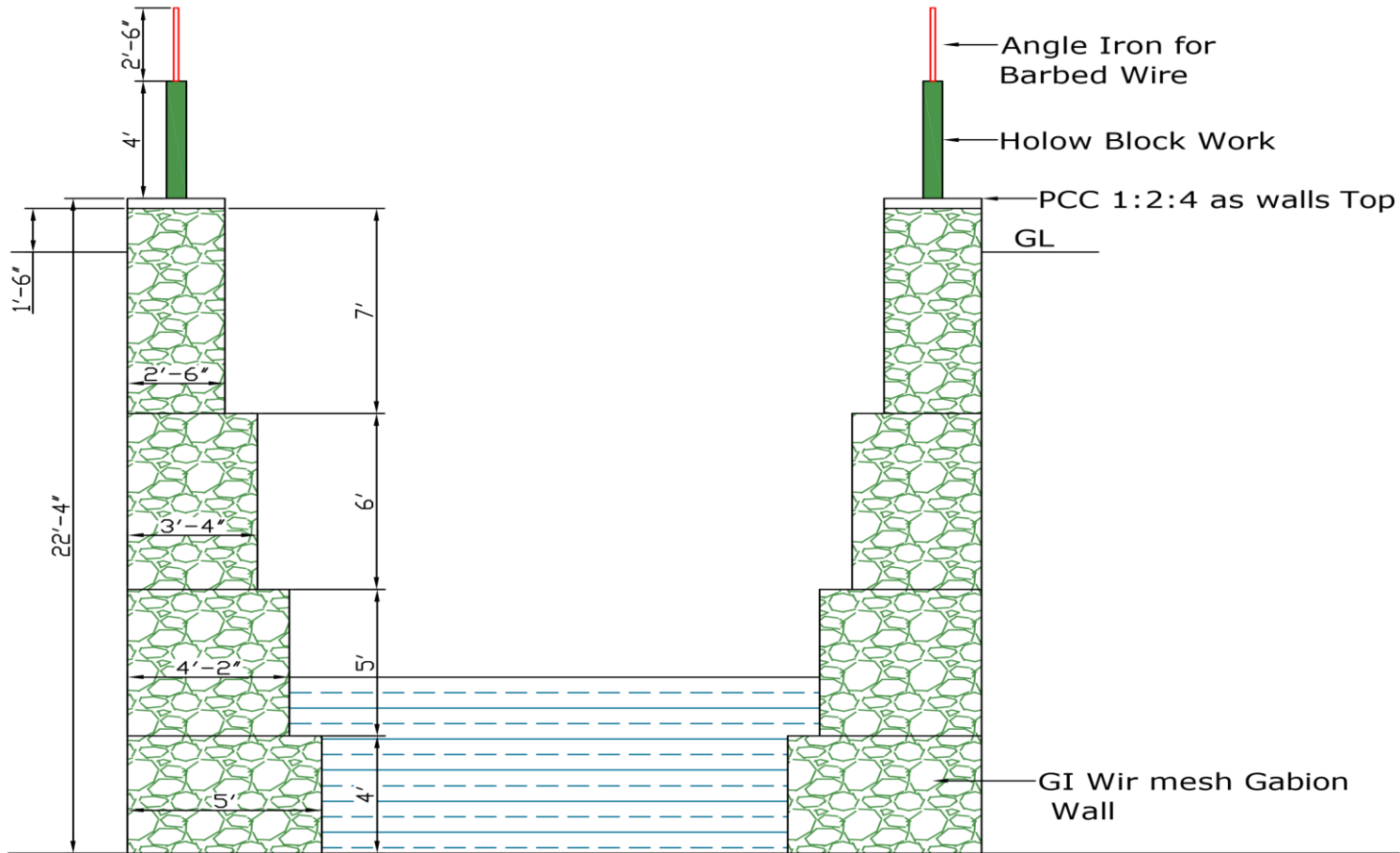


Annex 7 -C





Front View



X- Section Pond

Project Title:
04 CTA

[Detailed Specifications of Solar Based Lift Irrigation Scheme Village Bombagh Kosht Chitral]

Detail of Solar System to fill by supplier	
Description	Detail
Brand Name of Solar Panels	
Total Power will be Install in watt including panel peak power at STC (Wp) should be 50% more than the maximum required input power of the motor (motor consumption). (Yes/No)	

Solar panels type Mono/Poly	
Solar Panels Grade A/A+	
Solar panel should have at least 3 years of warranty with all its subsystem (Yes/No)	
The PV cells should be designed for more than 25 years of its life with power decrease of not more than 20% after completion of 20 years. (Yes/No)	
Panel peak power at STC (Wp) should be 50% more than the maximum required input power of the motor (motor consumption). (Yes/No)	
Submersible pump and Motor Brand Name	
Warranty of Pump in years	
Warranty of Motor in years	
Motor HP to be Install	
Dry run Motor protection sensor switch will be Install (Yes/No)	
Warranty of Invertor in Years	
Installation of Water Pump Motor Automatic ON/OFF Using Float Switch to control the wastage of water when storage tank full (Yes/No)	

Supplier sign & stamp

FOR THE SUPPLY AND INSTALLATION OF SOLAR BASED PUMPING UNITS**1. SOLAR PANELS:****1.1 Solar Cell Type:**

The photovoltaic cell should use technology of Mono Crystalline Silicon Cell with high efficiency and the module efficiency should be minimum 16% or above.

1.2 Protections:

Panel should have series fuse rating of 15 Amp with bypass diodes for reverse current protection. Junction box should be there with water resistant capability. Ingress protection of panel should be at least IP-65. Cable connectors should be ingress protected by at least IP-67 with application classification of class A. Panel should have capability to sustain its functionality with wind load of at least **3800 Pa** & Robust frame up to **5400 Pa** snow load.

1.3 Material & Finishing:

The encapsulation material must be Ethylene Vinyl Acetate (EVA) and its lamination with temperature safety glass.

1.4 Traceability:

A strip containing Serial number should be laminated inside the module so as to be clearly visible from front side.

1.5 Life Time and Warranty:

The PV cells should be designed for more than 25 years of its life with power decrease of not more than 20% after completion of 20 years. Solar panel should have at least 3 years of warranty with all its subsystem. The PV module offered should not be more than one (01) year old with respect to the date of manufacturing. Brand name of PV modules, the supplier intends to supply must be included in the technical proposal.

1.6 Wiring:

Panel wire should be specifically designed for solar usage with Plug and play connectors. Wiring should have compatibility of field serviceable contact removal.

1.7 Standard Conformity:

The PV module should fully conform to following specifications.

- IEC-61215
- IEC-61730

1.8 Submittals:

Following details should be provided with the supply of each panel:

- PID Free Certificate from TUV
- EL and Flush test report from manufacturer for each panel (at the time of supply)
- TUV certification of IEC-61215 and IEC-61730 Conformity

2.INVERTER/CONTROLLER:

The solar pump controller should have built-in MPPT controller, Voltage Frequency (V/F) regulation, and over load protection. The make and origin of the inverter/controller should be of Japanese and European origin or approved equivalent and clearly mentioned in the technical proposal.

2.1 Submittals:

Following details should be provided with the tender submission.

- LVD certificate
- Origin country Certificate for module quality
- CE marking
- Test report for weather-Proof Test (IP40)

The complete datasheet showing all the electrical parameters like input & output voltage ranges should be provided in the technical bid.

1. MOUNTING STRUCTURE:

The mounting structure must be designed for wind resistance, safety and should be able to withstand to a wind speed of 200 km/hr.

The PV modules mounting metallic structure should be manual Sun Tracker, mounted at least **6 feet above in front side from ground level**. The tilt angle should be set at 30 degree (Equal to latitude).

The entire mechanical structure should be painted with rust protective coating for longer life of the structure.

2. SYSTEM DESIGN/SIZING:

De-rating factors should be applied while designing the system in order to have compensations for variations in irradiance. The motor output (BHP) should be at least **20%** more than the pump required input power (Shaft Power). Also the panel peak power at STC (Wp) should be **50%** more than the maximum required input power of the motor (motor consumption). The PV Array size must be calculated as under:

$$PV \text{ Array Size } (Wp) \geq \left(\frac{\text{Discharge } \left(\frac{m^3}{hr} \right) * \text{Head } (m) * 9810}{3600 * \text{Pump Efficiency } (\%) * \text{Motor Efficiency } (\%)} \right) * 1.5$$

The sizing criteria presented herein will form the basis for technical evaluation of the design. The design data will have to be provided in technical bid. The financial bid of only those bidders will be considered for onward processing whose design/ sizing is found in line with the criteria presented above.

3. PRE-SUPPLY TESTING & INSPECTION:

The firm applying for the tender must have test bed facility to carry out pump performance acceptance test witnessed by third party inspector/Client as per ISO-9906 standard. Each of the offered pump set models must undergo this witness test prior to supply and installation.

4. DC CABLE / WIRING:

99% copper wires of size at least 6 mm for single and 6mm or above for multi strings and rated current 30A to be used. Working temperature range should be in between -40C to +85C. The cable must have double insulation suitable for 1000 VDC transmission, and all the relevant test reports i.e.

- Conductor resistance test.
- Insulation resistance test.
- Pressure test.
- Spark test.

Are to be provided in the technical proposal. The wiring must be protected by PVC conduits for underground installations. DC circuit breakers (not fuse) of at least 800V and suitable ampere rating must be installed between PV modules and PV pump controller in order to avoid short-circuiting. No direct jointing in DC power line is allowed, junction boxes of at least IP-44 rating are to be used for easy debugging where necessary. The cable should have safety level class II and standard flame class. Shell protection degree should be IP67 with connector rating IP67 (plug and play). The insertion and withdrawal force up to 50N can be bearable by the cable. The Supplier should provide the manufacturer quality tests certificates at the time of supply.

5. PROTECTIONS:

Protection against dry operation of motor pump, lightning and hails & storms, open circuit, accidental short circuit and reverse polarity should be provided.

- a) Dry Protection Probe
- b) Over flow Protection Switch

6. GROUNDING (EARTHING):

- a) The system should be effectively grounded through installing copper plate, and some other specialized grounding device designed for the purpose.

7. ROPE FOR HANGING PUMP:

- b) Steel Rope must have plastic coated and should be strong enough to tolerate a load of pump for 10-15 years.

SPECIFICATIONS FOR PUMPING MACHINERY AS PER ISO-9906 STANDARD

1. PUMP:

Pumps are to be supplied having standard ISO-9906 specifications. The pump must be submersible, made of stainless steel. The characteristic curves showing the efficiency and performance of the pumps are to be provided in the technical proposals. The quoted pump is to be tested for its performance and certified as per ISO-9906 standard. The pump must be suitable for installation and operation in tube wells/dug wells/open well with clear water discharge. Pump shall comprise of bowl assembly and non-return valve as integral part of pump's parts. Pump and motor shall rigidly couple through NEMA standard coupling. The stage casings of pumps should be connected as per NEMA/ANSI/AWWA/ASTM/BSS standard. Each stage casing must have replaceable wear ring. The impellers shall be secured to the pump shaft with tapered conical sleeves pressed into the taper bore of impeller or impeller secured through chrome plated stainless steel hexagonal sleeves. Suction casing must be between pump and motor with suction strainer as protection of pump against coarse impurities of the liquid handled.

Specification for Main Components of the Pumps:

1.1 CASING/DIFFUSER: The Casing/Diffuser should be in fabricated stainless steel AISI 304.

1.2 IMPELLERS: stainless steel AISI 304

1.3 DRIVING SHAFT: Stainless steel 304/420

1.4 SLEEVES: Stainless steel AISI 329/ 304

1.5 GASKETS: Rubber Gaskets

1.6 BEARINGS: AISI 329 stainless steel

1.7 COUPLING & SCREEN + CABLE GUARD: Stainless steel AISI 316/319/304/420

1.8 NON-RETURN VALVE: As per British standard specifications (BSS), Minimum 16 bar pressure sustaining design

1.9 PRESSURE GAUGE: As per British standard specifications (BSS), having PSI or Bar scale

1.10 CLAMPS: Steel – Pressed

1.11 PUMP EFFICIENCY: Minimum efficiency of the pump should be 60% at duty point

2. MOTOR:

The origin, make and material of the motor should be clearly mentioned in the technical proposal. The winding material should be 99.99% copper. The motor should have wet type, rewind-able/repairable stator. The motor should have non-disposable/non-hermetically sealed winding. The insulation class of the winding material should be mentioned. For each model quoted, all the technical parameters such as rated voltage, power factor, efficiency, full load ampere, speed and other similar parameters should be provided in the technical proposal. The testing report with all basic parameters should also be provided at the time of supply.

The motor shall be manufactured in compliance with National Electrical Manufacturer Association (NEMA) standards. The motor shall be three-phase submersible and shall be capable of operating at rated voltage of 380 Volts at 50 Hz. The motor should be capable of operating with variable speed through V/F control. Winding of the motor shall be of rewindable type with class – IC40 insulation and IP68 protection. The synchronous speed should be 2850-2950 RPM. Motor shall be capable of operating in well water with temperature starting from 40°C. Motor should be designed for continuous operation. Motor must be filled with water without any chemical additives hazardous to health, for cooling. The motor must be properly protected against the entry of well water sand etc. by double mechanical seal i.e. one rotating and other stationary and the seal must be made of Silicon carbide/ Tungsten carbide and must be protected with sand protection guards. All supports shall be high grade cast iron and stator outer side jacket body should be in stainless steel in AISI 304. The excessive pressure due to heating up of the filled water must be compensated by a pressure equalizing rubber diaphragm in the lower part of the motor. The axial thrust of the pump shall be countered by oscillating sliding block type thrust bearing. The thrust bearing of the motor should be able to bear a downward thrust force from the water pump and the upward thrust force produced while starting the water pump. Motor shall be capable of minimum of 20 starts in an hour. Motor efficiency should not be less than 70%.

Material/technical specifications of rewind-able wet stators, three phase squirrel cage water filled submersible motor.

- 2.1 WINDING:** Made of pure electrolyte copper a non-hygroscopic poly vinyl chloride for normal temperature and must full fill resistant tests range.
- 2.2 STATOR:** Energy efficient low-losses electrical magnetic sheet should be fixed in stainless steel casing. M800 or M600 magnetic sheet are preferable to use.
- 2.3 ROTOR:** Energy efficient low-losses electrical magnetic sheet fixed with high grade copper bars. M800 or M600 magnetic sheets are preferable to use.
- 2.4 SPLINE SHAFT:** AISI 420 stainless steel, flange dimension according to NEAM standard, over size design to ensure stiffness in severe condition.
- 2.5 SHAFT BEARING:** Water lubricated guide/general bearings fixed in upper and lower brackets should be made of metal impregnated carbon.
- 2.6 LOWER THRUST BEARING:** Thrust sliding block bearings, self-aligning Mitchell type, should be able to withstand 15500N/20000N axial load.
- 2.7 MECHANICAL SEAL (STATIONARY & ROTARY):** Silicon carbide or tungsten carbide mechanical seal.
- 2.8 COOLING FILLING FLUID:** Water mixed with non-toxic anti-freeze provides cooling and lubrication also protects and prevents inside parts from corrosion.
- 2.9 DEGREE OF PROTECTION:** IP68
- 2.10 INSULATION OF CLASS:** With winding wire poly vinyl chloride up to 70 degree C with winding wire polyethylene up to 95 degree C.
- 2.11 VOLTAGE TOLERANCE:** -6% to -10%
- 2.12 MOUNTING POSITION:** Vertical horizontal
- 2.13 Class:** IC40
- 2.14 MAXIMUM IMMERSION:** 150 Meters
- 2.15 STARTING PER HOUR:** 20

3. SUBMERSIBLE FLAT ELECTRIC CABLE:

The submersible cable should be made of 99% copper coated with double PVC, should be adequately flexible and environment friendly. The cable must have undergone quality tests as per BSS standards. Following lab tests are mandatory.

- Conductor resistance test.
- Insulation resistance test.
- Pressure test.
- Spark test.

Note: The Supplier should provide the manufacturer quality tests certificates at the time of supply.

4. COLUMN PIPE:

HDPE pipe 4500' will be provided by organization therefore quote the price of solar machinery only.

**5. TOP SET:**

Top set shall comprise of Bore covers plate, (covering bore hole completely and securely), installation/suspension clamps, sluice valve, reflex valve, connector and cable jointing material (Cable connection from motor to switching device shall be joint free) pressure gauge and cable ties.

6. ROPE FOR HANGING PUMP:

Steel Rope must have plastic coated and should be strong enough to tolerate the load.

7. CASING FOR INVERTOR

Invertor will be install under the solar panel Mounting structure therefore proper metallic case along with lock arrangement should be provide

8. PUMP AND MOTOR PLACEMENT

Pump will be place horizontally in 6' deep water pond therefore proper stand will be made for Pump and Motor with 1.5" dia Gi pipe as directed by Engineer.

9. MOUNTING STRUCTURE PICTURES



Batch # 08						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
1	Cement	OPL, 10000 psi	Bags	186		
2	Sand	Local Washeed	Cft	230		
3	Crush	1/2"	Cft	150		
4	Gravel	Local Washeed	Cft	1094		
5	Stone	River Boulders 6" Dia	Cft	2679		
6	Steel 1/2"	40 Garde	Kgs	25		
7	Tie wire	Flexible	kgs	2		
8	Gi Wir #8	Flexible	Kgs	150		
9	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Transom 13'x6"x10"	Nos	4		
10	Supply and Fixing Deodar wood planed & seasoned painted with	Runners Sides 12'x6"x6"	Nos	10		

Batch # 08						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
	use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.					
11	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Runners center 7'x5"x6"	Nos	14		
12	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and	Railing end support 2'-6"x6"x6"	Nos	4		

Batch # 08						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
	provide transport pass from forestry department.					
13	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Railing top support 12'x6"x6"	Nos	5		
14	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Railing cross 6-6"x3"x6"	Nos	24		

Batch # 08						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
15	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Railing Daigonal support 5'x2.5"x2.5"	Nos	19		
16	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Deck Planks 9'x1'x2"	Nos	50		
17	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be	Deck Planks 8'-4"x1'x2"	Nos	36		

Batch # 08						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
	procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.					
18	onlay Labor charges for wheel gurad fixing from left over wood including cutting and fixing	8'-3"x3"x3"	Nos	12		
19	Supply and fixing of Steel plates in railing 12 gauge including holes making for nut and bolts	Size 18"x12"	Nos	38		
20	Supply an fixing of Steel plates in railing 12 gauge including holes making for nut and bolts	Size 6"x6"	Nos	80		
21	Supply, fixing, threading and Making of Steel rod for railing	Length 8', dia 1" ,type plain round bar	Nos	20		
22	Supply, fixing , threading and making of steel suspensor	Average length 7', dia 0.75" type plain round bar cut length will be decide on site as per engineer direction	Nos	22		
23	Supply and fixing of guy rope Steel wire Rope 20 mm	flexible	Rft	360		
24	Supply and fixing Steel wire Rope 12 mm for wind rope	flexible	Rft	300		

Batch # 08						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
25	Supply and fixing of Steel tread plate Size(8'x4' Gauge 2mm) including cutting welding complete	5 bars galvanized tread plate Anti-slip. Anti-rust. Corrosion resistance. Hard. Long life. Low maintenance Surface finish Galvanized, black, painting. Low carbon steel	Nos	16		
26	Supply and fixing of Sign Board 4'x3'	Sheet Gauge 18,for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal,Background color white, both side writing with ACTED & DFID Logos	Nos	1		
27	Paint	ICI Dulux 4 Gallons in Dark Blue and 4 are in white color	Gallons	8		
28	Paint thinner	Good quality	Gallons	4		
29	Miscellaneous fittings	Supply and Installation of all fittings (Nuts, bolts, iron nails, steel nails, anchor plate, Anchor Rod and U- clips etc) as per need	Job	1		
30	Labor charges for bridge painting work	Length of bridge 55 ft including railing, Abutment and towers complete	Job	1		
31	Dismantling of existing wooden Bridge	Length 50'	Job	1		
32	Only Labor for charges Plum concrete 1:3:6 with 70% Stone as		Cft	250		



Batch # 08						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
	in Wind guy block including all Shuttering and curing work note: for shuttering work use laminated ply wood					
33	Only Labor charges for PCC 1:2:4 as in damage portion of Abutments including all Shuttering and curing work note: for shuttering work use laminated ply wood		Cft	30		
34	Only Labor charges for RRM 1:5 as in Anchor Block damaged Portion including all Shuttering and curing work		Cft	144		
35	Only Labor charges for PCC 1:2:4 as Approach Road including all Shuttering and curing worknote: for shuttering work use laminated ply wood		Cft	120		
36	Only Labor charges for Plaster Work Guy Block, Abutment, Tower and Anchor Block 1:4 including curing		Sft	1614		

Batch # 08						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
37	Only Labor charges for RCC 1:2:4 as in Abutment Top use #4 bars @6" c/c including all Shuttering and curing work note: for shuttering work use laminated ply wood		Cft	16		
38	Excavation for Protection Wall in Shingle gravel formation		Cft	2240		
39	Only Labor charges for Dry Stone Wall as in bed of protection wall with Gi weave netting for wire crates placing and tightening including dewatering work.	net size 6"x6"	Cft	960		
40	Only Labor charges for Plum concrete 1:2:4 with 60% Stone as in Protection Wall including all Shuttering and curing work note: for shuttering work use laminated ply wood		Cft	1680		
Grand Total (PKR) Inclusive of all applicable taxes & Transportation						

Annex 8 Detail Estimate

District				Lower Chitral
Union Council				Shoghore
Village				Arkari Afzal Abad
Scheme Type				Bridge Rehab
S#	Description	Specification	Unit	Qty
1	Cement	OPL, 10000 psi	Bags	186
2	Sand	Local Washeed	Cft	230
3	Crush	1/2"	Cft	150
4	Gravel	Local Washeed	Cft	1094
5	Stone	River Boulders 6" Dia	Cft	2679
6	Steel 1/2"	40 Garde	Kgs	25
7	Tie wire	Flexible	kgs	2
8	Gi Wir #8	Flexible	Kgs	150
9	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Transom 13'x6"x10"	Nos	4
10	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Runners Sides 12'x6"x6"	Nos	10
11	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Runners center 7'x5"x6"	Nos	14
12	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Railing end support 2'-6"x6"x6"	Nos	4



13	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Railing top support 12'x6"x6"	Nos	5
14	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Railing cross 6-6"x3"x6"	Nos	24
15	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Railing Daigonal support 5'x2.5"x2.5"	Nos	19
16	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Deck Planks 9'x1'x2"	Nos	50
17	Supply and Fixing Deodar wood planed & seasoned painted with use Mobil Oil . This is also to be note that the wood should be procured from Govt register supplier with all clearance from concern Govt Department and provide transport pass from forestry department.	Deck Planks 8'-4"x1'x2"	Nos	36
18	onlay Labor charges for wheel gurad fixing from left over wood including cutting and fixing	8'-3"x3"x3"	Nos	12
19	Supply and fixing of Steel plates in railing 12 gauge including holes making for nut and bults	Size 18"x12"	Nos	38
20	Supply an fixing of Steel plates in railing 12 gauge including holes making for nut and bults	Size 6"x6"	Nos	80
21	Supply, fixing, threading and Making of Steel rod for railing	Length 8', dia 1" ,type plain round bar	Nos	20
22	Supply, fixing , threading and making of steel suspendor	Average length 7', dia 0.75" type plain round bar cut length will be decide on site as per engineer direction	Nos	22
23	Supply and fixing of guy rope Steel wire Rope 20 mm	flexible	Rft	360
24	Supply and fixing Steel wire Rope 12 mm for wind rope	flexible	Rft	300

25	Supply and fixing of Steel tread plate Size(8'x4' Gauge 2mm) including cutting welding complete	5 bars galvanized tread plate Anti-slip. Anti-rust. Corrosion resistance. Hard. Long life. Low maintenance Surface finish Galvanized, black, painting. Low carbon steel	Nos	16
26	Supply and fixing of Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron wielded with pedestal, Background color white, both side writing with ACTED & DFID Logos	Nos	1
27	Paint	ICI Dulux 4 Gallons in Dark Blue and 4 are in white color	Gallons	8
28	Paint thinner	Good quality	Gallons	4
29	Miscellaneous fittings	Supply and Installation of all fittings (Nuts, bolts, iron nails, steel nails, anchor plate, Anchor Rod and U- clips etc) as per need	Job	1
30	Labor charges for bridge painting work	Length of bridge 55 ft including railing, Abutment and towers complete	Job	1
31	Dismantling of existing wooden Bridge	Length 50'	Job	1
32	Only Labor for charges Plum concrete 1:3:6 with 70% Stone as in Wind guy block including all Shuttering and curing work note: for shuttering work use laminated ply wood		Cft	250
33	Only Labor charges for PCC 1:2:4 as in damage portion of Abutments including all Shuttering and curing worknote: for shuttering work use laminated ply wood		Cft	30
34	Only Labor charges for RRM 1:5 as in Anchor Block damaged Portion including all Shuttering and curing work		Cft	144
35	Only Labor charges for PCC 1:2:4 as Approach Road including all Shuttering and curing work note: for shuttering work use laminated ply wood		Cft	120
36	Only Labor charges for Plaster Work Guy Block, Abutment, Tower and Anchor Block 1:4 including curing		Sft	1614
37	Only Labor charges for RCC 1:2:4 as in Abutment Top use #4 bars @6" c/c including all Shuttering and curing work note: for shuttering work use laminated ply wood		Cft	16.4



38	Excavation for Protection Wall in Shingle gravel formation		Cft	2240
39	Only Labor charges for Dry Stone Wall as in bed of protection wall with Gi weave netting for wire crates placing and tightening including dewatering work.	net size 6"x6"	Cft	960
40	Only Labor charges forPlum concretete 1:2:4 with 60% Stone as in Protection Wall including all Shuttering and curing work note: for shuttering work use laminated ply wood		Cft	1680

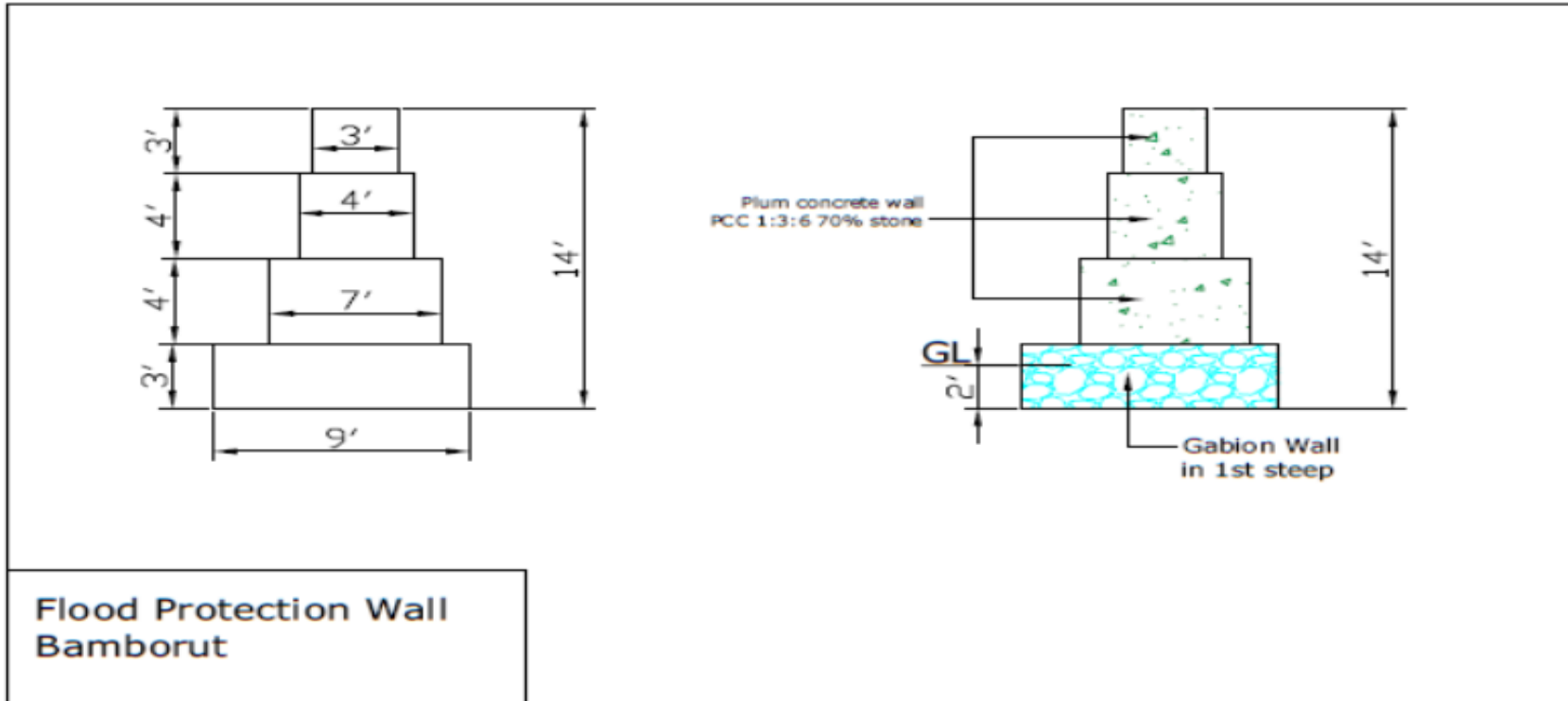
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Batch # 09						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
1	Cement	OPL, 10000 psi	Bags	604		
2	Gravel	Local Washeed	Cft	4528		
3	Stone	Local River Broken Stone with good shape	Cft	17625		
4	Gi Wir #8	Flexible	Kgs	1003		
5	Supply and fixing of Sign Board 4'x3'	Sheet Gauge 18,for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal,Background color white, both side writing with ACTED & DFID Logos	Nos	1		
6	Excavation in shingle,Gravel and boulder formation by mechanical means		Cft	17500		
7	Only Labor charges for Dry Stone Wall as in bed of protection wall with Gi weave netting for wire crates placing and tightening including dewatering work.	net size 6"x6"	Cft	6750		
8	Only Labor charges for Plum concrete 1:2:4 with 60% Stone as in Protection Wall including all Shuttering and curing work note: for shuttering work laminated ply wood should be use with scaffolding Note: for concrete Maxing concrete mixer machine should be use		Cft	12250		
Grand Total (PKR) Inclusive of all applicable taxes & Transportation						

Annex 9 – Detail Estimate

District				Lower Chitral
Union Council				Ayun
Village				Bamborut
Scheme Type				FPW
S#	Description	Specification	Unit	Qty
1	Cement	OPL, 10000 psi	Bags	604
2	Gravel	Local Washeed	Cft	4528
3	Stone	Local River Broken Stone with good shape	Cft	17625
4	Gi Wir #8	Flexible	Kgs	1003
5	Supply and fixing of Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED & DFID Logos	Nos	1
6	Excavation in shingle, Gravel and boulder formation by mechanical means		Cft	17500
7	Only Labor charges for Dry Stone Wall as in bed of protection wall with Gi weave netting for wire crates placing and tightening including dewatering work.	net size 6"x6"	Cft	6750
8	Only Labor charges for Plum concrete 1:2:4 with 60% Stone as in Protection Wall including all Shuttering and curing work note: for shuttering work laminated ply wood should be use with scaffolding Note: for concrete Maxing concrete mixer machine should be use		Cft	12250

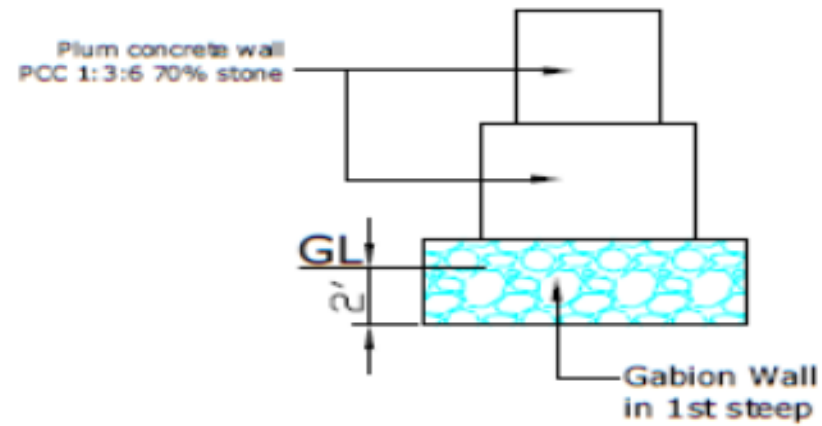
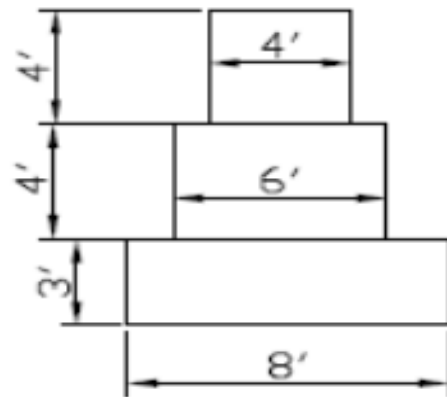
Annex 9 - A



Batch # 10						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
1	Cement	OPL, 10000 psi	Bags	493		
2	Gravel	Local Washeed	Cft	3696		
3	Stone	Local River Broken Stone with good shape	Cft	15000		
4	Gi Wir #8	Flexible	Kgs	1138		
5	Supply and fixing of Sign Board 4'x3'	Sheet Gauge 18,for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal,Background color white, both side writing with ACTED & DFID Logos	Nos	1		
6	Excavation in shingle,Gravel and boulder formation by mechanical means		Cft	7500		
7	Only Labor charges for Dry Stone Wall as in bed of protection wall with Gi weave netting for wire crates placing and tightening including dewatering work.	net size 6"x6"	Cft	6000		
8	Only Labor charges for Plum concrete 1:3:6 with 70% Stone as in Protection Wall including all Shuttering and curing work note: for shuttering work laminated ply wood should be use with scaffolding Note: for concrete Maxing concrete mixer machine should be use		Cft	10000		
Grand Total (PKR) Inclusive of all applicable taxes & Transportation						

Annex 10 – Detail Estimate

District				Lower Chitral
Union Council				Ayun
Village				Barir
Scheme Type				FPW
S#	Description	Specification	Unit	Qty
1	Cement	OPL, 10000 psi	Bags	493
2	Gravel	Local Washeed	Cft	3696
3	Stone	Local River Broken Stone with good shape	Cft	15000
4	Gi Wir #8	Flexible	Kgs	1138
5	Supply and fixing of Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED & DFID Logos	Nos	1
6	Excavation in shingle, Gravel and boulder formation by mechanical means		Cft	7500
7	Only Labor charges for Dry Stone Wall as in bed of protection wall with Gi weave netting for wire crates placing and tightening including dewatering work.	net size 6"x6"	Cft	6000
8	Only Labor charges for Plum concrete 1:3:6 with 70% Stone as in Protection Wall including all Shuttering and curing work note: for shuttering work laminated ply wood should be use with scaffolding Note: for concrete Maxing concrete mixer machine should be use		Cft	10000



Flood Protection Wall Barir

Batch # 11						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
1	Excavation (Mechanical)	Excavation in foundation of bridges and gravel formation	Cft	3600		
2	Stone	Hil Stone with proper shape	Cft	13200		
3	GI Wire	8 SWG	Kgs	1839		
4	Cement (50 Kg/ bag)	OPC (Ordinary Portland Cement) 10000 PSI	Bags	23		
5	Sand	Local washed	cft	73		
6	Gravel	Local washed	cft	186		
7	Steel 1/2"	deformed	Kgs	180		
8	Tie Wire/Binding wire	Flexible	Kgs	2		
9	Planks	Poplar 6'x6"x1"	Nos	8		
10	Wooden support for shuttering Work	Poplar Wood Size (8'X2.5"X2")	Nos	8		
11	Plywood for concrete formwork	Size 8'x4'x0.75"	Nos	2		
12	Iron Nails 2"	Iron nails,packed in strong and thick plastic bag	Kgs	2		
13	Iron Nails 3"	Iron nails, packed in strong and thick plastic bag	Kgs	2		
14	Metal Cover (2' x 2')	GI Metal Cover,16 Gauge Sheet made, with angle iron frame and lock arrangement umbrella type.	Nos	1		
15	90 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX, ALPHA) 100 meter	RFT	1312		
16	Equal Coupling 90mm	Equivalent Malaysian/Arangul turkey/German made	Nos	6		

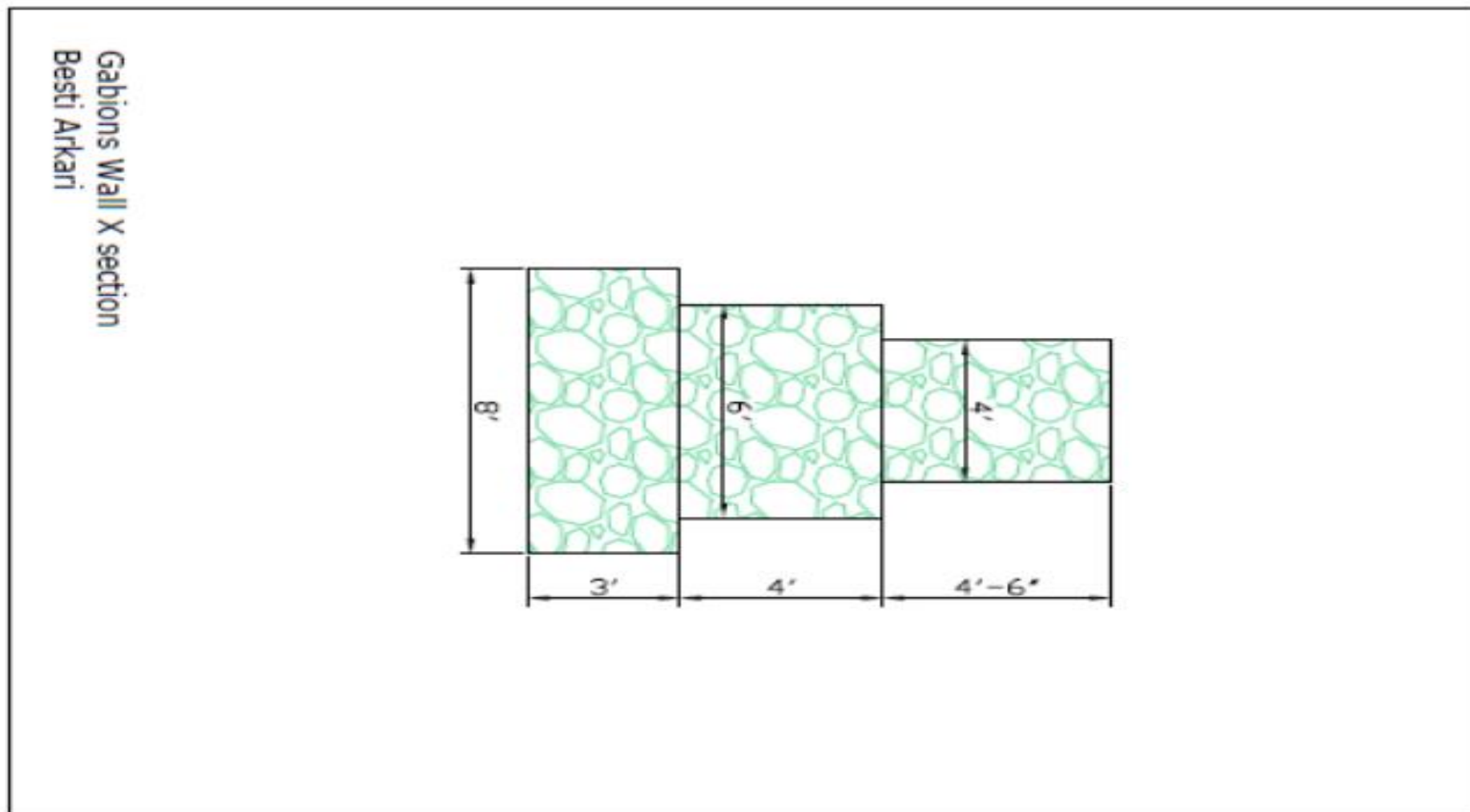
Batch # 11						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
17	Male Adapter 90mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2		
18	GI Socket 3"dia	Equivalent to China HE brand	Nos	4		
19	GI Pipe 3" dia 3' long, one side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	3		
20	GI End plug	Equivalent to China HE brand	Nos	2		
21	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background colour white, both side writing with ACTED & DFID Logos	Nos	1		
22	Only Labor charges for Dry Stone Wall as in protection wall with Gi weave netting for wire crates placing and tightening including dewatering work.	net size 6"x6"	Cft	13200		
Grand Total (PKR) Inclusive of all applicable taxes & Transportation						

Annex 11 – Detail Estimate

District				Lower Chitral
Union Council				Shoghore
Village				Besti
Scheme Type				FPW
S#	Description	Specification	Unit	Qty
1	Excavation (Mechanical)	Excavation in foundation of bridges and gravel formation	Cft	3600
2	Stone	Hil Stone with proper shape	Cft	13200



3	GI Wire	8 SWG	Kgs	1839
4	Cement (50 Kg/ bag)	OPC (Ordinary Portland Cement) 10000 PSI	Bags	23
5	Sand	Local washed	cft	73
6	Gravel	Local washed	cft	186
7	Steel 1/2"	deformed	Kgs	180
8	Tie Wire/Binding wire	Flexible	Kgs	2
9	Planks	Poplar 6'x6"x1"	Nos	8
10	Wooden support for shuttering Work	Poplar Wood Size (8'X2.5"X2")	Nos	8
11	Plywood for concrete formwork	Size 8'x4'x0.75"	Nos	2
12	Iron Nails 2"	Iron nails,packed in strong and thick plastic bag	Kgs	2
13	Iron Nails 3"	Iron nails, packed in strong and thick plastic bag	Kgs	2
14	Metal Cover (2' x 2')	GI Metal Cover,16 Gauge Sheet made, with angle iron frame and lock arrangement umbrella type.	Nos	1
15	90 mm Dia HDPE pipe (PN-10)	(PN-10/SDR-17(equivalent to DADEX, ALPHA) 100 meter	RFT	1312
16	Equal Coupling 90mm	Equivalent Malaysian/Arangul turkey/German made	Nos	6
17	Male Adapter 90mm	Equivalent Malaysian/Arangul turkey/German made	Nos	2
18	GI Socket 3"dia	Equivalent to China HE brand	Nos	4
19	GI Pipe 3" dia 3' long, one side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-L Karachi	Nos	3
20	GI End plug	Equivalent to China HE brand	Nos	2
21	Sign Board 4'x3'	Sheet Gauge 18,for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal,Background colour white, both side writing with ACTED & DFID Logos	Nos	1
22	Only Labor charges for Dry Stone Wall as in protection wall with Gi weave netting for wire crates placing and tightening including dewatering work.	net size 6"x6"	Cft	13200



Batch # 12						
Sr. #	Description	Technical Specification	Unit	Total Quantity	Unit Price PKR (Inclusive of all applied taxes)	Total Price PKR (Inclusive of all applied taxes)
1	Cement (50 Kg/ bag)	OPC (Ordinary Portland Cement) 10000 PSI	Bags	65		
2	Sand	Local washed	cft	67		
3	Gravel	Local washed	cft	633		
4	Steel 1/2"	Deformed	Kgs	105		
5	Tie Wire/Binding wire	Flexible	Kgs	4		
6	Planks	Poplar 6'x6"x1"	Nos	15		
7	Wooden support for shuttering Work	Poplar Wood Size (8'X2.5"X2")	Nos	10		
8	Plywood for concrete formwork	Size 8'x4'x0.75"	Nos	2		
9	Iron Nails 2"	Iron nails,packed in strong and thick plastic bag	Kgs	2		
10	Iron Nails 3"	Iron nails, packed in strong and thick plastic bag	Kgs	2		
11	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED, concern & DFID Logos	Nos	1		
12	Gi Pipe 6"	Equivalent to IIL-M Karachi	Rft	1560		
13	Gi flung pair 6"	(with Gaskets nut & bolts 12 mm gauge)	Pair	84		
14	End Plug 6"	Equivalent to China HE brand	Nos	2		

15	GI Pipe 6" dia 3' long, one side threaded, two 6" long angle Iron welded with Pipe	Equivalent to ILL-M Karachi	Nos	2		
16	Iron hammer 8 kg	With Wooden Handle (Weight will be measure with out handle)	Nos	1		
17	Iron rod for digging	4.5 feet length, diameter of rod 1.25" with 1st class iron made and proper place for hand grip	Nos	1		
18	Wheel Barrow	Use 18 gauge container sheet capacity 2.5 cft painted, Tyre: Equivalent to service brand, Tyre size 4.00-8, PR-6 PR, Tyre Weight with Tolerance(gms) 2675±7%, Sec-Width (mm)-90Rim:Design for heavy duty Welding/finishing and Painting will be up to satisfaction of engineerNote: all the material like iron sheet, angle iron tyre and rims should be design for heavy load.	Nos	1		
19	Spade	Shovel/Spade (Bailcha),Equivalent to china made, weight 1.03 kg with 3'-9" long wooden handle,3 % Variation will acceptable in Weight, Handle should be smooth and fixed properly ready to use. Note spade weight will be measure with out handle	Nos	4		
20	Pick axe	Pick Axe with wooden handle, weight 2.4 kg with out handle, 3 % Variation will acceptable in weight, Handle should be smooth and fixed properly ready to use length of Handle 3'	Nos	4		
21	Steel pan	Metallic Pan (Taghari), Weight: 1Kg to 1.25 kg, Diameter: 14" to 15", GI	Nos	2		
22	Work wear gloves for labor works	(Re-usable) Leather made	Pairs	6		
Grand Total (PKR) Inclusive of all applicable taxes & Transportation						

District				Lower Chitral
Union Council				Karim Abad
Village				Droneel
Scheme Type				IRC
S#	Description	Specification	Unit	Total
1	Cement (50 Kg/ bag)	OPC (Ordinary Portland Cement) 10000 PSI	Bags	65
2	Sand	Local washed	cft	67
3	Gravel	Local washed	cft	633
4	Steel 1/2"	Deformed	Kgs	105
5	Tie Wire/Binding wire	Flexible	Kgs	4
6	Planks	Poplar 6'x6"x1"	Nos	15
7	Wooden support for shuttering Work	Poplar Wood Size (8'X2.5"X2")	Nos	10
8	Plywood for concrete formwork	Size 8'x4'x0.75"	Nos	2
9	Iron Nails 2"	Iron nails,packed in strong and thick plastic bag	Kgs	2
10	Iron Nails 3"	Iron nails, packed in strong and thick plastic bag	Kgs	2
11	Sign Board 4'x3'	Sheet Gauge 18, for frame and pedestal use 16 Gauge iron Pipe clear length of the pedestal 4', 1' angle iron welded with pedestal, Background color white, both side writing with ACTED, concern & DFID Logos	Nos	1
12	Gi Pipe 6"	Equivalent to IIL-M Karachi	Rft	1560
13	Gi flung pair 6"	(with Gaskets nut & bolts 12 mm gauge)	Pair	84
14	End Plug 6"	Equivalent to China HE brand	Nos	2

15	GI Pipe 6" dia 3' long, one side threaded, two 6" long angle Iron welded with Pipe	Equivalent to IIL-M Karachi	Nos	2
16	Iron hammer 8 kg	With Wooden Handle (Weight will be measure with out handle)	Nos	1
17	Iron rod for digging	4.5 feet length, diameter of rod 1.25" with 1st class iron made and proper place for hand grip	Nos	1
18	Wheel Barrow	Use 18 gauge container sheet capacity 2.5 cft painted, Tyre: Equivalent to service brand, Tyre size 4.00-8, PR-6 PR, Tyre Weight with Tolerance(gms) 2675±7%, Sec-Width (mm)-90Rim:Design for heavy duty Welding/finishing and Painting will be up to satisfaction of engineerNote: all the material like iron sheet, angle iron tyre and rims should be design for heavy load.	Nos	1
19	Spade	Shovel/Spade (Bailcha),Equivalent to china made, weight 1.03 kg with 3'-9" long wooden handle,3 % Variation will acceptable in Weight, Handle should be smooth and fixed properly ready to use. Note spade weight will be measure with out handle	Nos	4
20	Pick axe	Pick Axe with wooden handle, weight 2.4 kg with out handle, 3 % Variation will acceptable in weight, Handle should be smooth and fixed properly ready to use length of Handle 3'	Nos	4
21	Steel pan	Metallic Pan (Taghari), Weight: 1Kg to 1.25 kg, Diameter: 14" to 15", GI	Nos	2
22	Work wear gloves for labor works	(Re-usable) Leather made	Pairs	6

2. Delivery Timeframe:

Batch #	Batch Description	Delivery Destination	Guaranteed delivery completion time by the Supplier	ACTED delivery completion deadline
1	Material Supply & Construction as per Annex 1	As Per Annex 1		20working days
2	Material Supply & Construction as per Annex 1	As Per Annex 2		20working days
3	Material Supply & Construction as per Annex 1	As Per Annex 3		20working days
4	Material Supply & Construction as per Annex 1	As Per Annex 4		20working days
5	Material Supply & Construction as per Annex 1	As Per Annex 5		20working days
6	Material Supply & Construction as per Annex 1	As Per Annex 6		20working days
7	Material Supply & Construction as per Annex 7 A,B,C,D,E & F	As Per Annex 7		20working days
8	Material Supply & Construction as per Annex 8 - A	As Per Annex 8		20working days
9	Material Supply & Construction as per Annex 9 - A	As Per Annex 9		20working days
10	Material Supply & Construction as per Annex 10 - A	As Per Annex 10		20working days
11	Material Supply & Construction as per Annex 11 - A	As Per Annex 11		20working days
12	Material Supply & Construction as per Annex 12	As Per Annex 12		20working days

3. BIDDER'S TERMS AND CONDITIONS:

1. Valid of the offer: _____ (recommended: 06 months or more)
2. Terms of delivery: _____ (DDP recommended)
3. Terms of payment: _____

4. Does Bidder appear on Active Tax Payers List? Yes / No

5. Name of Bidder's Authorized Representative: _____

6. Authorized signature and stamp: _____

Date: _____

PART C - BIDDER'S QUESTIONNAIRE – ACTED PAKISTAN

Date: ___ / ___ / 2020

Tender No. T/04CTA/30EMSC/ISL/22.02.2020/15

PART I: INFORMATION

A. Company Details and General Information

Name of Company		Trading As	
Address (headquarters)		Telephone	
Zip Code (headquarters)		Fax	
City (headquarters)		E-mail address 1	
PO Box		E-mail address 2	
Country (headquarters)		Website address	
Parent Company or name of owner		Subsidiaries/ Associates/ Overseas Representative	
Sales Person's Name		Sales Person's Position	
Sales Person's phone		Sales Persons' E-mail	
<i>Governance of the company: Chairman, Vice-Chairman, Treasurer or Secretary of the Board of Directors or Board of Trustees</i>			
Name (as in passport or other government-issued photo ID)		Date of birth (mm/dd/yyyy)	
Government-issued photo Identification Document (ID) number		Type of ID	
ID country of issuance		Rank or title in organization	
Other names used (nicknames or pseudonyms not listed as "Name")		Gender (e.g. male, female)	
Current employer and job title:		Occupation	
Address of residence		Citizenship(s)	
Province/Region		E-mail address	
Is the individual a U.S. citizen or legal permanent resident?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Professional Licenses – State Issued Certifications	
<i>Management of the company: CEO, Executive Director, Deputy Director, President or Vice-President</i>			
Name (as in passport or other government-issued photo ID)		Date of birth (mm/dd/yyyy)	

Government-issued photo Identification Document (ID) number		type of ID	
ID country of issuance		Rank or title in organization	
Other names used (nicknames or pseudonyms not listed as "Name")		Gender (e.g. male, female)	
Current employer and job title:		Occupation	
Address of residence		Citizenship(s)	
Province/Region		E-mail addresses	
Is the individual a U.S. citizen or legal permanent resident?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Professional Licenses – State Issued Certifications	
<i>Management of the company: Chief Finance Officer or Chief Accountant</i>			
Name (as in passport or other government-issued photo ID)		Date of birth (mm/dd/yyyy)	
Government-issued photo Identification Document (ID) number		type of ID	
ID country of issuance		Rank or title in organization	
Other names used (nicknames or pseudonyms not listed as "Name")		Gender (e.g. male, female)	
Current employer and job title:		Occupation	
Address of residence		Citizenship(s)	
Province/Region		E-mail addresses	
Is the individual a U.S. citizen or legal permanent resident?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Professional Licenses – State Issued Certifications	
<i>Company's staff & insurance</i>			
No. Full Time Employees:		Employee average work wage per hour:	
% of Men to Women:		Any employee(s) with relatives working with ACTED?	<input type="checkbox"/> Yes <input type="checkbox"/> No
No. of Children:		What is the legal minimum wage paid?	<input type="checkbox"/> Yes <input type="checkbox"/> No
In what capacity?		Are paid vacations offered?	<input type="checkbox"/> Yes <input type="checkbox"/> No
What are their ages?		Are flexible working hours offered?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Name of insurance company:		Staff covered by health insurance?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Description of the Company</i>			

Type of Business (multiple choices possible):	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Consulting Company <input type="checkbox"/> Authorized Agent	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Trader <input type="checkbox"/> Other, please specify : _____
Sector of Business (multiple choices possible):	<input type="checkbox"/> Goods / supplies <input type="checkbox"/> Services <input type="checkbox"/> Equipment	<input type="checkbox"/> Works <input type="checkbox"/> Other, please specify : _____
Year Established:		Country of registration:
Licence number:		Valid until:
Working languages:	<input type="checkbox"/> English <input type="checkbox"/> French <input type="checkbox"/> Spanish	<input type="checkbox"/> Arabic <input type="checkbox"/> Chinese <input type="checkbox"/> Other, please specify : _____
Technical documents available in:	<input type="checkbox"/> English <input type="checkbox"/> French <input type="checkbox"/> Spanish	<input type="checkbox"/> Arabic <input type="checkbox"/> Chinese <input type="checkbox"/> Other, please specify : _____

B. Financial Information

VAT Number:		Tax Number:	
Bank Name:		Bank Account Number:	
Bank Address:		Account Name:	
Swift/BIC number:		Standard Payment Terms:	
Has the company been audited in the last 3 years?			<input type="checkbox"/> Yes <input type="checkbox"/> No
Please attach a copy of the company's most recent Annual or Audited Financial Report			<input type="checkbox"/> Attached
Annual Value of Total Sales for the last 3 Years:			
Year: USD:		Year: USD:	
Annual Value of Export Sales for the last 3 years			
Year: USD:		Year: USD:	

C. Experience

Company's recent business with ACTED and/or other International Aid Agencies or United Nations Agencies:						
#	Organisation	Contact person	Phone/E-mail	Goods/Works/Services	Value (USD)	Destination
1						
2						
3						

4					
5					
What is your company's main area of expertise?					
What is your company's business coverage area?		<input type="checkbox"/> National <input type="checkbox"/> Restricted to (specify location) : _____			
To which countries has your company exported and/or managed projects in the last 3 years?					
Provide any other information that demonstrates your company's qualifications and experience (eg. awards)					
List any national or international Trade/Professional Organisations of which your company is a member					
D. Technical Capability					
Type of Quality Assurance Certificate				<input type="checkbox"/> Attached	
Type of Certification/Qualification Documents				<input type="checkbox"/> Attached	
International Offices/Representation					
List below up to 10 of the core Goods and/or Services your company sells:					
1)		6)			
2)		7)			
3)		8)			
4)		9)			
5)		10)			
List the main assets of your company (trucks & heavy machines, heavy & valuable equipment, premises & warehouses, production sites etc.)					
1)		6)			
2)		7)			
3)		8)			
4)		9)			
5)		10)			
E. Miscellaneous					
Does your company have an Environmental Policy? (Yes/No)				<input type="checkbox"/> Yes <input type="checkbox"/> No	
Does your company have an Ethical Trading Policy? (Yes/No)				<input type="checkbox"/> Yes <input type="checkbox"/> No	
Does your company have an Anti-terrorist Policy? (Yes/No)				<input type="checkbox"/> Yes <input type="checkbox"/> No	
Is your company compliant with the EU General Data Protection Regulation (or equivalent)? (Yes/No)				<input type="checkbox"/> Yes <input type="checkbox"/> No	
If you answered yes to the above two questions, please attach copies of your policy:				<input type="checkbox"/> Attached	

Has your company ever been bankrupt, or is in the process of being wound up, having its affairs administered by the courts, has entered into an arrangement with creditors, has suspended business activities, is the subject of proceedings concerning these matters, or is in any analogous situation arising from a similar procedure provided for in national law?		<input type="checkbox"/> Yes <input type="checkbox"/> No
If you answered yes, please provide details:		
Has your company ever been convicted of an offence concerning its professional conduct by a judgment which has force of res judicata?		<input type="checkbox"/> Yes <input type="checkbox"/> No
If you answered yes, please provide details:		
Has your company ever been guilty of grave professional misconduct proven by other means?		<input type="checkbox"/> Yes <input type="checkbox"/> No
If you answered yes, please provide details:		
Has your company ever not fulfilled its obligations relating to the payment of social security contributions, or the payment of taxes in accordance with the law of the country in which it is established, or with those of France, or those of the country where the contract is to be performed?		<input type="checkbox"/> Yes <input type="checkbox"/> No
If you answered yes, please provide details:		
Has your company ever been the subject of a judgement, which has the force of res judicata for fraud, corruption, involvement in a criminal organisation or any other illegal activity?		<input type="checkbox"/> Yes <input type="checkbox"/> No
If you answered yes, please provide details:		
Has your company ever been declared to be in serious breach of contract for failure to comply with its contractual obligations, following another procurement procedure or grant award procedure financed by a donor country?		<input type="checkbox"/> Yes <input type="checkbox"/> No
If you answered yes, please provide details:		
Has your company ever been declared to be in serious breach of contract for failure to comply with its contractual obligations, following another procurement procedure or grant award procedure financed by a donor country?		<input type="checkbox"/> Yes <input type="checkbox"/> No
If you answered yes, please provide details:		
Has your company ever been in any dispute with any Government Agency, the United Nations, or International Aid Organisations (including ACTED)?		<input type="checkbox"/> Yes <input type="checkbox"/> No
If you answered yes, please provide details:		
Do you agree with terms of payment of 30 days?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Do you accept visit of ACTED staff & external auditors to your office?
		<input type="checkbox"/> Yes <input type="checkbox"/> No
PART II: CERTIFICATION		

I, the undersigned warrant that the information provided in this form is correct, and in the event of changes, details will be provided to ACTED as soon as possible in writing. I also understand that ACTED does not do business with companies, or any affiliates or subsidiaries, which engage in any practices that are in breach of ACTED's Child Protection, Sexual Exploitation and Abuse Protection, Conflict of Interest, Anti-fraud, Anti-terrorism Policy and Data Protection Policies (available on request).

Name:		Date:	
Title/Position		Place:	
E-mail address (for contact for verification purposes):		Signature:	
Phone number (for contact for verification purposes):		Company Stamp:	

Check list of supporting documents			For ACTED use only
1)	Trading license	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked
2)	VAT registration/tax clearance certificate	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked
3)	Company profile	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked
4)	Proof of trading/dealership/agent	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked
5)	Evidence of similar contracts	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked
6)	References	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked
7)	Particulars of CEO and key personnel	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked
8)	Articles of Association & Certificate of incorporation	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked
9)	Financial statements (latest)	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked
10)	Other (specify):	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked

I undersigned _____, certify that I am the designated legal representative of this Company that the information provided above is correct and I am aware of the fact that I will be held responsible for providing false information.

I declare and certify that the information above is true and accurate to the best of my knowledge. I understand and accept any false or inaccurate information may result in the cancellation of any offer made by the Bidder, even if discovered later.

Name _____ Position: _____

Signature & Stamp: _____ Date: _____



BIDDER'S ETHICAL DECLARATION – ACTED PAKISTAN

Date: ____ / ____ / 2020

Tender No. T/04CTA/30EMSC/ISL/22.02.2020/15

Tenderer's name: _____

Tenderer's address: _____

CODE OF CONDUCT:

1. Labour Standards

The labour standards in this code are based on the conventions of the International Labour Organization (ILO).

- *Employment is freely chosen*

There is no forced, bonded or involuntary prison labour. Workers are not required to lodge 'deposits' or their identity papers with the employer and are free to leave their employer after reasonable notice.

- *Freedom of association and the right to collective bargaining are respected*

Workers, without distinction, have the right to join or form trade unions of their own choosing and to bargain collectively. The employer adopts an open attitude towards the legitimate activities of trade unions. Workers representatives are not discriminated against and have access to carry out their representative functions in the workplace. Where the right to freedom of association and collective bargaining is restricted under law, the employer facilitates, and does not hinder, the development of parallel means for independent and free association and bargaining.

- *Working conditions are safe and hygienic*

A safe and hygienic working environment shall be provided, bearing in mind the prevailing knowledge of the industry and of any specific hazards. Adequate steps shall be taken to prevent accidents and injury to health arising out of, associated with, or occurring in the course of work, by minimising, so far as is reasonably practicable, the causes of hazards inherent in the working environment. Workers shall receive regular and recorded health and safety training, and such training shall be repeated for new or reassigned workers. Access to clean toilet facilities and potable water and, if appropriate, sanitary facilities for food storage shall be provided. Accommodation, where provided, shall be clean, safe, and meet the basic needs of the workers. The company observing the standards shall assign responsibility for health and safety to a senior management representative.

- *Child Labour shall not be used*

There shall be no new recruitment of child labour. Companies shall develop or participate in and contribute to policies and programmes, which provide for the transition of any child found to be performing child labour to enable her/him to attend and remain in quality education until no longer a child. Children and young people under 18 years of age shall not be employed at night or in hazardous conditions. These policies and procedures shall conform to the provisions of the relevant International Labour Organization (ILO) standards.

- *Living wages are paid*



Wages and benefits paid for a standard working week meet, at a minimum, national legal standards or industry benchmarks. In any event wages should always be high enough to meet basic needs and to provide some

Discretionary income. All workers shall be provided with written and understandable information about their employment conditions in respect to wages before they enter employment, and about the particulars of their wages for the pay period concerned each time that they are paid. Deductions from wages as a disciplinary measure shall not be permitted nor shall any deductions from wages not provided for by national law be permitted without the express and informed permission of the worker concerned. All disciplinary measures should be recorded.

- *Working hours are not excessive*

Working hours comply with national laws and benchmark industry standards, whichever affords greater protection. In any event, workers shall not on a regular basis be required to work in excess of the local legal working hours. Overtime shall be voluntary, shall not exceed local legal limits, shall not be demanded on a regular basis and shall always be compensated at a premium rate.

- *No discrimination is practiced*

There is no discrimination in hiring, compensation, access to training, promotion, termination or retirement based on race, caste, national origin, religion, age, disability, gender, marital status, sexual orientation, union membership or political affiliation.

- *Regular employment is provided*

To every extent possible work performed must be on the basis of a recognized employment relationship established through national law and practice. Obligations to employees under labour or social security laws and regulations arising from the regular employment relationship shall not be avoided through the use of labour-only contracting, sub-contracting or home-working arrangements, or through apprenticeship schemes where there is no real intent to impart skills or provide regular employment, nor shall any such obligations be avoided through the excessive use of fixed-term contracts of employment.

- *No harsh or inhumane treatment is allowed*

Physical abuse or discipline, the threat of physical abuse, sexual or other harassment and verbal abuse or other forms of intimidation shall be prohibited.

B. Environmental Standards

Suppliers should as a minimum comply with all statutory and other legal requirements relating to the environmental impacts of their business. Detailed performance standards are a matter for suppliers, but should address at least the following:

- *Waste Management*

Waste is minimized and items recycled whenever this is practicable. Effective controls of waste in respect of ground, air, and water pollution are adopted. In the case of hazardous materials, emergency response plans are in place.

- *Packaging and Paper*

Undue and unnecessary use of materials is avoided, and recycled materials used whenever appropriate.

- *Conservation*

Processes and activities are monitored and modified as necessary to ensure that conservation of scarce resources, including water, flora and fauna and productive land in certain situations.

- *Energy Use*

All production and delivery processes, including the use of heating, ventilation, lighting, IT systems and transportation, are based on the need to maximize efficient energy use and to minimize harmful emissions.

- ***Safety precautions for transport and cargo handling***

All transport and cargo handling processes are based on the need to maximize safety precautions and to minimize potential injuries to ACTED beneficiaries and staff as well as the suppliers' employees or those of its subcontractors.

C. Business Behaviour

The conduct of the supplier should not violate the basic rights of ACTED's beneficiaries.

The supplier should not be engaged

1. in the manufacture of arms
2. in the sale of arms to governments which systematically violate the human rights of their citizens; or where there is internal armed conflict or major tensions; or where the sale of arms may jeopardize regional peace and security.

D. ACTED procurement rules and regulations

Suppliers should comply with ACTED procurement rules and regulations outlines in ACTED Logistics Manual Version 1.2. or above. In particular, ACTED's procurement policy set out in Section 2.1 and 2.4. (contract awarding). By doing so, Suppliers acknowledge that they do not find themselves in any of the situations of exclusion as referred to under section 2.4.2.

Operating Principles

The implementation of the Code of Conduct will be a shared responsibility between ACTED and its suppliers, informed by a number of operating principles, which will be reviewed from time to time.

ACTED will:

1. Assign responsibility for ensuring compliance with the Code of Conduct to a senior manager.
2. Communicate its commitment to the Code of Conduct to employees, supporters and donors, as well as to all suppliers of goods and services.
3. Make appropriate human and financial resources available to meet its stated commitments, including training and guidelines for relevant personnel.
4. Provide guidance and reasonable non-financial support to suppliers who genuinely seek to promote and implement the Code standards in their own business and in the relevant supply chains, within available resources.
5. Adopt appropriate methods and systems for monitoring and verifying the achievement of the standards.
6. Seek to maximize the beneficial effect of the resources available, e.g. by collaborating with other NGOs, and by prioritizing the most likely locations of non-compliance.

ACTED expects suppliers to:

1. Accept responsibility for labour and environmental conditions under which products are made and services provided. This includes all work contracted or sub-contracted and that conducted by home or other out-workers.
2. Assign responsibility for implementing the Code of Conduct to a senior manager.



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3. Make a written Statement of Intent regarding the company's policy in relation to the Code of Conduct and how it will be implemented, and communicate this to staff and suppliers as well as to ACTED.

Both parties will

1. require the immediate cessation of serious breaches of the Code and, where these persist, terminate the business relationship.
2. Seek to ensure all employees are aware of their rights and involved in the decisions which affect them.
3. Avoid discriminating against enterprises in developing countries.
4. Recognize official regulation and inspection of workplace standards, and the interests of legitimate trades unions and other representative organizations.
5. seek arbitration in the case of unresolved disputes.

Qualifications to the Policy Statement

The humanitarian imperative is paramount. Where speed of deployment is essential in saving lives, ACTED will purchase necessary goods and services from the most appropriate available source.

ACTED can accept neither uncontrolled cost increases nor drops in quality. It accepts appropriate internal costs but will work with suppliers to achieve required ethical standards as far as possible at no increase in cost or decrease in quality.

I undersigned _____, agree to adopt the above Code of Conduct and to commit to comply with the labour and environmental standards specified, both in my own company and those of my suppliers.

Name & Position of Tenderer's authorized representative _____

Authorized signature _____

**BIDDER'S CHECK LIST – ACTED PAKISTAN**

Date: ____ / ____ / 2020

Tender No. T/04CTA/30EMSC/ISL/22.02.2020/15

BEFORE SENDING YOUR BIDDING DOCUMENTS, PLEASE CHECK THAT EACH OF THE FOLLOWING ITEM IS COMPLETE AND RESPECTS THE FOLLOWING CRITERIA:

Description	To be filled in by Bidder		For ACTED use only (to be filled in by Purchase Committee)			
	Included		Present		Comments	
	Yes	No	Yes	No		
1. An original bid have been provided (compulsory)						
2. PART 1(form PRO-05) – Instructions to Bidders is attached, filled, signed and stamped by the supplier. (compulsory)						
3. PART 2(form PRO-06) –Offer Form is attached, filled, signed and stamped by the supplier (compulsory)						
4. The prices in the Offer Form are in PKR (compulsory)						
5. PART 3(form PRO-06-01)– Bidders Questionnaire Form is attached, filled, signed and stamped by the supplier (compulsory)						
6. PART 4 – (form PRO-06-02)– Bidder's Ethical Declaration is attached, filled, signed and stamped by the supplier. (compulsory)						
7. The Bidding documents are filled in English .						
8. ANNEXES – Proofs of past performances in a similar field of activity (e.g. past deliveries of similar items) are provided (recommended)						
9. ANNEXES – A Copy of Company registration documents, a copy of the ID of legal representative and PEC license are included (compulsory)						
10. ANNEXES – Original Demand Draft / Call Deposit equivalent to 5 % (five percent) of the total bidding value in favor of ACTED and denominated in PKR Draft is included (compulsory)						

Name & Position of Bidder's authorized representative _____

Authorized signature _____