



**REQUEST FOR PROPOSAL (RFP)
FOR
THE INSTAL WATER FILTRATION PLANT SOLAR BASED AT CANCER CARE
HOSPITAL & RESEARCH CENTRE (CCH&RC), LAHORE
UNDER
CCBPL-WWF-Pakistan**

WWF-Pakistan wants to hire the services of a reputable vendor for supplying, erection, commissioning and maintain drinking water facilities plants solar based for local communities in Lahore, Pakistan under CCBPL-WWF-Pakistan assignment.

The vendor is required to provide following services;

- 1- The vendor shall be installing one (1) Reverse Osmosis (RO) water filtration facilities 2000 LPH capacity including room construction (11.5'x11.5'x12') (drawing attached) at Cancer Care Hospital Raiwind Road, Lahore which will operated on both solar and WAPDA supply
- 2- The vendor shall be providing free operation and maintains (O&M) service for the installed plant for 1 year starting from the date of installation/production of filtered water
- 3- The vendor will be assisting to the communities for resolving any technical issues during operation and giving training to the local people or operator for the plant under O&M contract.
- 4- Vendor will responsible to maintain water quality according to WHO water standard and make sure the water standard will be within parameters according to test report

Interested companies/contractors meeting the following criteria should respond and submit the proposal in a sealed envelope to:

**Younas Awan
Manager Admin
WWF-Pakistan
Inside Ali Institute of Education, Ferozpur road, Lahore.**

For any queries, please write to wwfadmin@wwf.org.pk and tehsan@wwf.org.pk by 15 July 2022 or visit our website #

https://www.wwfpak.org/jobs_/procurement_of_goods_and_works/

Requirements:

1. Minimum (03 – 05 years) of experience in providing General Civil and plumbing Works
2. Should have at least completed 3 - 5 General Civil/ Construction Related Projects.
3. Be able to demonstrate working ability under the COVID-19 (Corona Virus) circumstances as per the construction works guidelines issued by the Government of Pakistan.
4. Should be able to follow all the required Health, Safety and Environmental (HSE) protocols, as specified under the WWF-Pakistan HSE safeguard policy.
5. Should be able to comply with all the national and provincial construction standards and labor protocols.

Proposal submission requirement

Technical proposal of work scope



Financial proposal with unit rates and total cost of work that should be filled in the table provided below against the given quantities (Cost must be exclusive of all taxes).

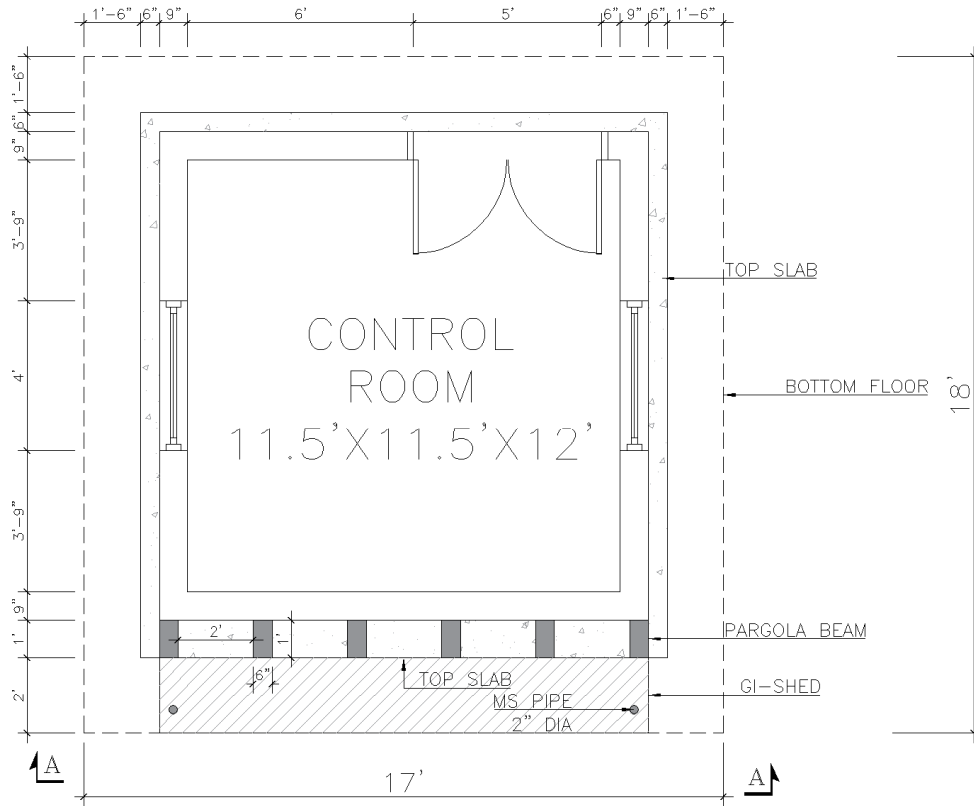
Company Profile

Following additional documents are required and would be used for **Technical/ Financial Evaluation**:

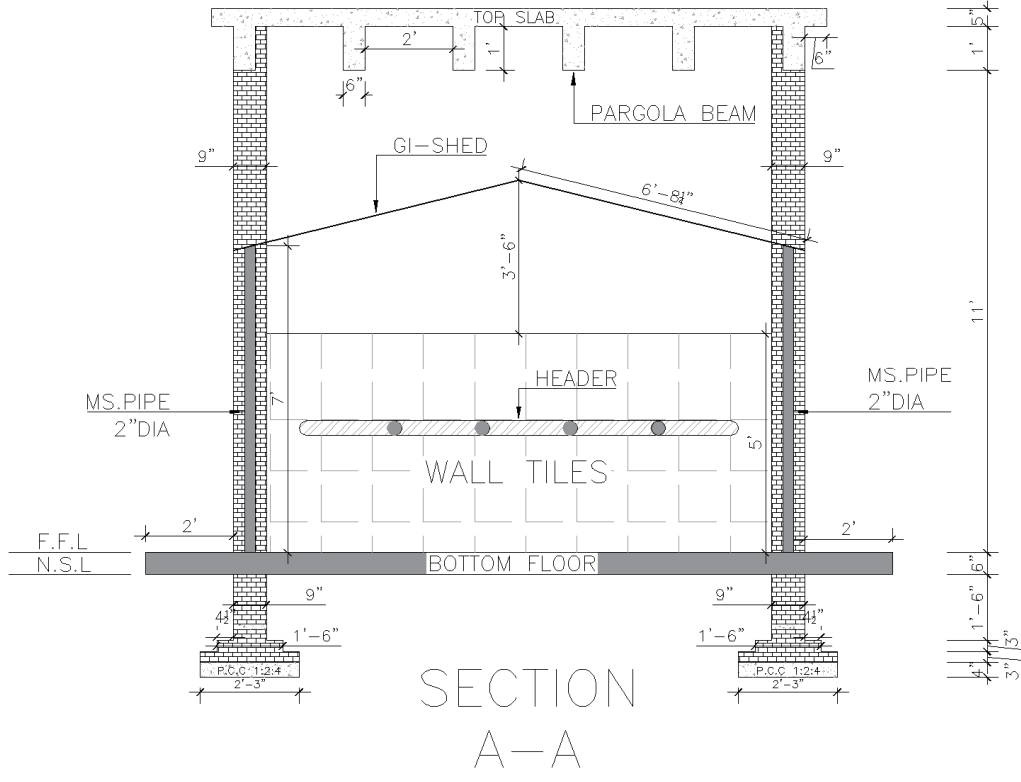
- 1) Covering Letter;
- 2) Copy of Company Registration Certificate;
- 3) Copy of valid NTN Certificate;
- 4) Copy of valid Sales Tax Registration Certificate (if applicable);
- 5) Copies of certificate of professional / technical association;
- 6) Complete Profile / Introduction of Organization (including name of Chief Executive, Partners, Professionals, etc.);
- 7) Financial Soundness Proof (Bank Reference or Bank Statement or Audited Report / Accounts);
- 8) Copy of any international / local affiliation (if any);
- 9) Copy of ISO 9001 / 2000 Certificates / local and international standards (if any);



DRAWINGS:



PLAN





BOQ'

WWF-PAKISTAN			COCA-COLA			
WATER FILTRATION ROOM						
Ref. Spec.	Item Description	Unit	Quantity	Rates		Amount
				Figures	Words	
1	SECTION -1					
1.1	EARTHWORK					
	(i) Excavation for foundation, footing of columns, retaining walls plinth beams etc. in all kinds of soil including layout of building and maintaining suitable control points, backfilling with suitable soil, compaction up to 95% dry density, watering, leveling, dressing and disposal of surplus material outside the project limits in accordance with the local authorities requirements, complete in all respects as per drawings, specifications and to the approval of the Engineer.					
	(ii) Excavator Excavation up to any depth upto ----- or as shown on drawings.	Cft	273			-
	(iii) Backfill with selected granular material received from excavation around foundations and footings upto ----- or as shown on drawing.	Cft	291			-
1.2	FILLING, COMPACTION AND TESTING					
	(i) Supplying and filling with suitable soil in layers not exceeding 8" in thickness in depressions, around retaining walls, under floors, footing of columns, etc. with selected granular material having minimum value of CBR 6 and maximum Plasticity Index of size (6) as determined by AASHTO T89 and T90, leveling, dressing, watering and compacting up to 95% modified AASHTO dry density and disposal of surplus excavated materials out side or within the premises, complete in all respects as per drawings, specifications and to the approval of the Engineer and Local Authority's requirements complete in all respect as per specifications and to approval of the Engineer.					
	(ii) Compaction	Sft	132			-
	(iii) 70% local sand and 30% gravel or Brick balast	Cft	83			-
1.3	TERMITE CONTROL					
	(i) Providing and applying Anti termite by using "FIPROKILL", "Salyer 25SC", "MIRAJ 5% SC by Ali Akbar", or approved equivalent termite proofing chemical, mixed with water in ratio as per manufacturers specifications, at the bottom at site of columns foundations, trenches before laying of PCC 1:4:8. The Contractor Will be Required To Furnished 10- Years Grantee Of the Termite Proofing Works.	Sft	104			-
Total Collection						-
2	SECTION-2					
2.1	STEEL REINFORCEMENT					
	(i) Providing fabricating and laying deformed steel reinforcement bars AFCCO, or approved equivalent confirming to ASTM-A-615, with granted minimum yield stress of 414N/mm ² (60,000 Psi) reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire labor charges for binding of steel reinforcement (also include removal of rust). Providing and fixing of steel Dowels drilling in columns, beams and others structures Up to 9 inches deep using Confix AG High Strength Epoxy grout make by Radiant Construction Technologies or approved equivalent as per specification and depth of drilling as per drawing.					
	(ii) In B.F , G.F & F.F					
	(ii) a #3 dia	Kg	165			-
	(ii) b #4 dia	Kg				
2.2	CAST IN PLACE CONCRETE					
	(i) Providing, mixing, laying and compacting plain cement concrete having minimum cylinder compressive strength as specified below at 28 days under foundations, grade slab and walls at any level, using Ordinary Pprtlnd Cement, local Chenab sand from approved sources and crush of nominal size 1 inch including curing, necessary water tight form work, complete in all respects, as shown on drawings, specifications and all to the approval of the Engineer.					
	(ii) PCC 1:2:4 Under in Foundation slab as shown on drawings	Cft	55			-
2.3	Providing, mixing, laying, vibrating and curing water tight reinforced cement concrete with minimum compressive cylinder strength of 4000 PSI at 28 days at any height /floor using Ordinary Portland Cement (Sand consisting of 100% Lawrancepur, Margalla crushed stone ¾ inches down – by volume) including the cost of water tight form work and approved admixture @ ()Kg per bag of cement but excluding the cost of reinforcing steel, complete in all respects as shown on drawings, specifications and all to the approval of the Engineer.					
	(i) same as above item # 2.2 , 2.3 but for 3750 PSI minimum compressive cylinder strength at 28 days (mixed by weight batching plant)					
	(iii) R.C.C (1:2:4))	Cft	86			-
Total Collection						-



3	SECTION -3					
3.1	BRICK UNIT MASONRY					
	Providing and laying, including cost of materials labor and equipment, first-class solid burnt brick masonry in super structure in cement sand mortar (gray cement : Chenab sand - mixed <i>by volume</i>) including cost of materials, scaffolding, labor, curing, cleaning, raking out joints, and extra labor for making of openings, arches etc. and fixing of all types and Dias. of pipes, complete in all respects at any floor and any height as per drawings and specifications, and to the approval of the Engineer					
(i)						
(ii)	(9") inches Thick Walls in 1:5 Cement Sand Mortar at any Floor or Height	Cft	771			-
(iii)	First class brick tiles clad by laying tiles in stretcher This item is to be executed only course in cement sand mortar 1:4	Sft	203			-
(iv)	First class Floor tiles clad by laying tiles in stretcher This item is to be executed only (1800/sq.m)	sft	414			-
	course in cement & tile fixing bond mortar 1:4					
Total Collection						-
4	SECTION -4					
4.1	MISCELLANEOUS					
(i)	Paint Work inner and outer distemper with two coats or in accordance with the approval of the Engineer Inner Side & Outer Sides	Sft	1,300			-
4.2	G.I Shed.					
(ii)	Providing and laying G.I sheet (3mm to 6mm) thick including supporting angle and frame complete in all respect (size mentioned in drawing)	No.	1			-
4.3	PVC PIPE					
(i)	Providig, laying, cutting, jointing, testing and disinfecting UPVC with socket joints, complete in all respects.	Rft	13			-
4.4	P/L MS Door with chokhte					
(i)	Providing and fixing M.S sheet hollow pressed frame of doors, windows, C. windows, etc. (chowkat only) of 18 SWG welded with M.S flat 6"x 1¼" x 1/8" (150mmx30mmx3mm) M.S holdfast 9"x1"x1/8" (225mmx25mmx3mm) welded/screwed 4" (100 mm) long iron hinges, including filling chowkat with cement sand mortar 1:8 and embedding holdfast in cement concrete 1:2:4, complete in all respects.	No.	1			-
4.5	ALUMINIUM Window					
(i)	Providing and fixing all types of glazed aluminium windows of anodized champagne colour party fixed and party sliding using deluxe section of approved manufacturer having rame of size 100mm x 30mm using frame at bottom, at top and side leaf leaf frame sections of 60mm x 23mm at top & bottom and size 45mm x 25mm at center and size 43mm x 13mm l/c fine quality aluminium jali, 5mm thick imported tinted glass with ruber gasket using approved standard latches, wheel, stopper, brush chennel angle Joint and hardware etc. complete in all respects.	Sft	32			-
4.6	P/L MS PIPE					
(i)	Providing and laying M.S pipe of 16 SWG to 18 SWG welded, complete in all respects.	Rft	15			-
Total Collection						-
Total Collection						-
4.0	Section -4					
4.1	PORTLAND CEMENT PLASTER					
(i)	Supplying and applying cement sand plaster on concrete or masonry surfaces, of a minimum thickness as specified below, using ordinary Portland cement sand machine mixed mortar and adding high strength polypropylene fiber in accordance with the written instruction of the manufacturers. Fixing of 1 mm thick metal lathe having 150 nets per m ² at all joints and MEP cut outs. Use G.I. corner beads at all corners and plaster stop beads as required. Scratching of under layers, toweling to a smooth final layer unless noted otherwise, including scaffolding, complete in all respects, in accordance with specifications as shown on drawings and to the approval of the Engineer.	Sft	1,322			-
Total Collection						-
Total Collection of Civil Works						-

3D Model

