

**REQUEST FOR PROPOSAL (RFP)**  
**FOR**  
**MONITORING BOX IN MANAGED AQUIFER RECHARGE WELL**  
**UNDER**  
**COMMUNITY WATER STEWARDSHIP PROJECT: REPLENISHING THE GROUNDWATER**  
**RESOURCES IN LAHORE AND MULTAN**

**Location: UNIVERSITY OF THE PUNJAB, LAHORE**

WWF-Pakistan under National Competitive Bidding (“NCB”) has a requirement for the services of one qualified contractor to provide end-to-end grey water management services in the mission for offsetting and reduction in use of groundwater to implement water stewardship by water replenishment techniques.

The scope of work broadly includes provision of resources for carrying out all general civil works such as excavation and backfilling works, masonry and plastering, PCC and RCC foundation bedding, design of plumbing and miscellaneous structural works according to site and situation requirement.

The Contractor shall provide the following services mentioned in Table.1

**Bill of quantities (BOQs)**

**Table 1 Bill of Quantities (BOQs)**

Ref. Spec.	Item Description	Unit	Quantity	Rates	Amount
				Figures	
<b>1.0</b>	<b><u>EARTHWORK</u></b>				
(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)	<b>Excavation up to any depth upto 4ft or as shown on drawings.</b>	Cft	54		
(iii)	<b>Backfill with selected granular material received from excavation around foundations and footings up to 6 inch or as shown on drawing.</b>	Cft	6		
(iv)	<b>Disposal of surplus excavated soil from site</b>	Cft	48		
<b>2.0</b>	<b><u>COMPACTION</u></b>				

(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 outside 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)	<b>Compaction</b>	Sft	12		
<b>3.0</b>	<b><u>STEEL REINFORCEMENT</u></b>				
(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 <sup>2</sup> (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)	<b>In Walls, Slabs, Monkey Ladders, etc</b>				
(iii)	<b>#4 bar</b>	Kg	41		
<b>4.0</b>	<b><u>CAST IN PLACE CONCRETE</u></b>				
(i)	Providing, mixing, laying and compacting reinforced cement concrete having minimum cylinder compressive strength as specified below at 28 days under foundations, grade slab and walls at any level, using Ordinary Portland 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)	<b>RCC 1:2:4 in walls and foundation as shown on drawings.</b> Providing, mixing, laying, vibrating and curing water tight reinforced cement concrete with minimum compressive cylinder strength of 3750 PSI at 28 days at any height /floor using Ordinary Portland Cement (Sand consisting of 100% Lawrencepur, 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.	Cft	16		
<b>5.0</b>	<b><u>PVC PIPE</u></b>				

(i)	Providing 4" B class UPVC pipe, its laying, cutting, jointing, testing and disinfecting UPVC pipes line in trenches, with socket joints, complete in all respects.	Rft	4		
6.0	<a href="#">Labor Charges</a>				
<b>Total Collection of Civil Works</b>					

**Interested companies/contractors meeting the following criteria should respond to this RFP** through email: [wwfadmin@wwf.org.pk](mailto:wwfadmin@wwf.org.pk) by 8<sup>th</sup> November 2021. For further information please visit our website # [https://www.wwfpak.org/jobs/procurement\\_of\\_goods\\_and\\_works/](https://www.wwfpak.org/jobs/procurement_of_goods_and_works/)

**Requirements:**

1. Minimum (03 – 05 years) of experience in providing General Civil Works especially underground structures & Civil Maintenance services.
2. Should have at least completed 3 - 5 General Civil/ Construction Related Projects.
3. Be able to demonstrate working ability under the COVID-19 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.
6. Following 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);

ANNEXURE-1

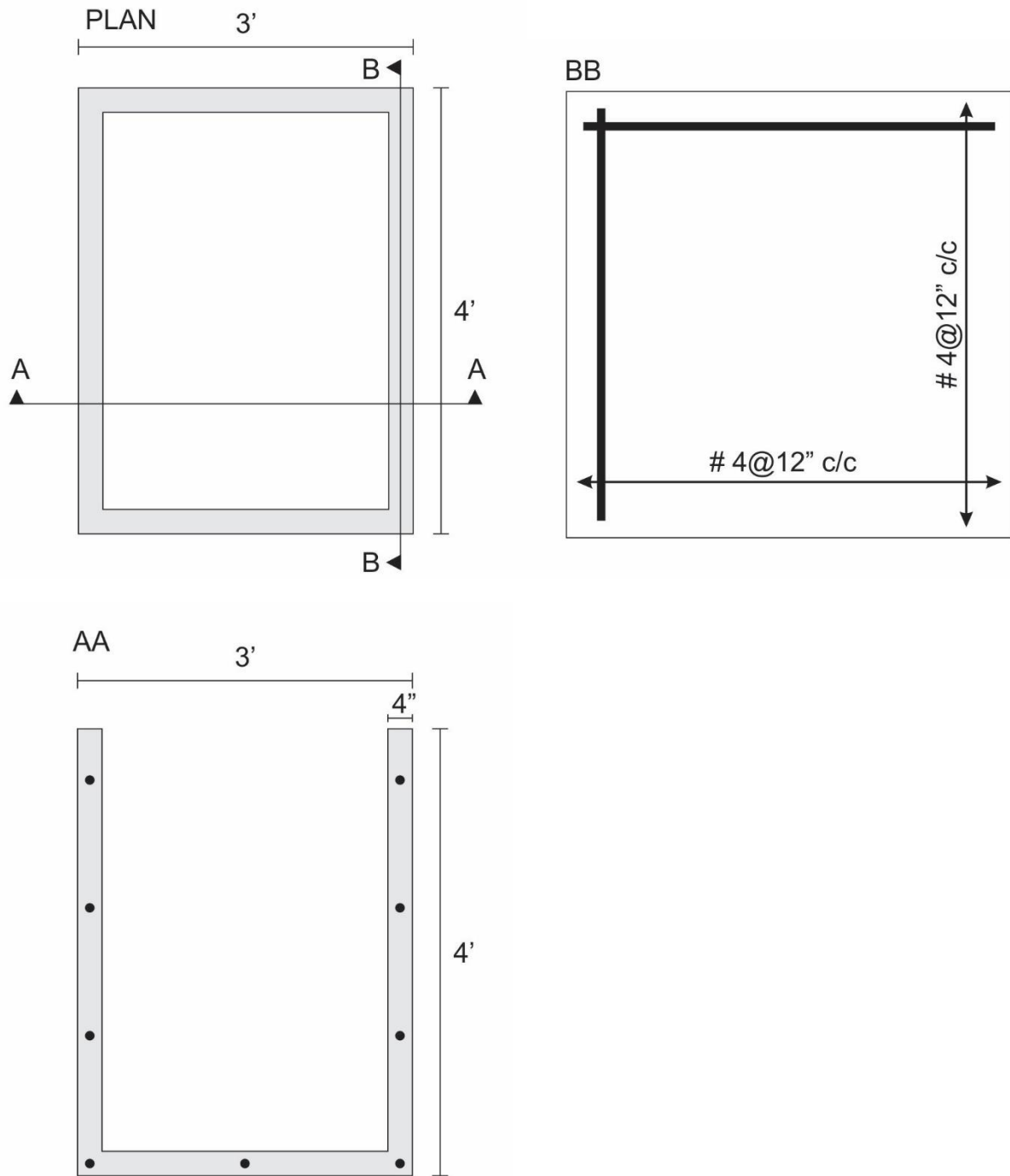


Figure 1 Structural drawings for monitoring chamber in a recharge well

Note: These above quantities are tentative. Vendors should calculate quantities from provided drawings. Only unit rates will be locked