



**WORLD WIDE FUND FOR NATURE
HEAD OFFICE, FEROZEPUR ROAD LAHORE**

Reference No. WRAP/SKD/12/25-26

REQUEST FOR PROPOSAL

FOR

Construction of Suspension Bridge for Improvement and Rehabilitation of Traditional Irrigation Structures Micro-irrigation to reduce water leakages and improve water availability at Astak, District Skardu, Gilgit Baltistan

1. Introduction:

World-Wide Fund for Nature Pakistan (WWF-Pakistan) under National Competitive bidding ("NCB") has a requirement for the services of one qualified contractor to provide services/ Material for the rehabilitation of traditional irrigation channel at Astak, district Skardu. Provision of all essential construction materials including cement, fine and coarse aggregates for tie and side beam casting. Supply and installation of 0.75" SWR steel-core main cable and 0.50" SWR steel-core suspenders, complete with all required accessories such as steel bolts, clips, thimbles, fish plates, gaskets, and tying clips, including protective painting/galvanizing. Provision of seasoned Poplar wood for structural elements, as well Armour and anchoring plates at proper intervals. Supply of 160mm HDPE pipe insulated with 4mm PE foam, with butt-fusion joints executed on site. All materials will be securely fixed and tensioned at site with proper alignment. Transportation of wire, steel components, wood, and HDPE pipes will be provided using suitable Mazda-class vehicles to the site.

Scope of Work

The scope of work includes Construction of suspension bridge at Astak for HDPE Pipe Nullah crossing district Skardu.

The contractor shall supply all materials listed in the BOQ, including but not limited to:

- 0.75" SWR steel-core main cable
- 0.50" SWR steel-core suspenders
- Steel bolts, cable clips, thimbles, fish plates, gaskets, and tying clips
- HDPE pipe (160mm Dia)
- PE insulation foam (4mm)
- Steel plates & clamping assemblies for pipe anchoring
- Armour plates for anchor points
- Well-seasoned poplar wood for deck and structure
- Cement, fine and coarse aggregates for RCC and PCC works

All materials must meet the required specifications and quality standards defined by the engineering team and referenced in the drawings and specifications



WORLD WIDE FUND FOR NATURE
HEAD OFFICE, FEROZEPUR ROAD LAHORE

S. No	Activity	Region	District	Village	Coordinates
1.	Construction of Suspension bridge for HDPE Nallah Crossing	Baltistan Region	Skardu	Astak	35.711050, 75.041685

2. Submission of Bids:

Vendor/contractor shall submit the Technical and Financial Proposal in Single Sealed Envelope having mentioned the following:

- **Title of Procurement to Be Clearly Mentioned on the Sealed Envelope:** "Construction of Suspension bridge for HDPE Nallah Crossing at Astak district Skardu Gilgit Baltistan".
- Purchaser Address as mentioned in 2.3

2.1 Only one rate should be quoted for the item, and a vendor avoids giving any alternate quote.

2.2 Quotation must be typed or written in indelible ink and should be signed by an authorized representative. Without a signature and date on the Form of Quotation, the quotation shall not be considered further. All pages of the submitted quotation(s) where entries or amendments have been made, should be signed or initialed by the person signing the quotation.

2.3 A vendor shall submit a Price Quotation, on their letterhead, duly signed, and stamped by hand on a Sealed envelope. The quotation should be addressed and delivered to the following official named official at the address mentioned underneath:

Name: Assad Ullah
Designation Head Procurement & Consultancies

Purchaser's Address : World Wide Fund for Nature,
Inside Ali Institute of Education, Ferozpur Road Lahore
P.O Box 5180

Telephone : 0423-5465983

Email : Assad Ullah <assadullah@wwf.org.pk>

For any queries, please write To: Zahid Hussain, zhussain@wwf.org.pk

CC: Assad Ullah, assadullah@wwf.org.pk and Syed Amjad Ali Shah, saashah@wwf.org.pk.

2.4. The bids must be delivered to the authorized official at the address mentioned above on or before **10th February 2026 by 5:00 PM**. Late submissions will not be entertained.



3. Requirements:

The vendor/contractor should have a proper business address and office/shop besides complying with the following eligibility requirements through documentary evidence, to be submitted along with their Quotation:

- a) The firm/company must be registered with Pakistan Engineering Council with active registration for the year 2025-2026 (**Category C-4** and above with relevant Works codes)
- b) Registration with Income Tax Department. (If Applicable)
- c) Registration with Sales Tax Department. (If applicable)
- d) Proof of Active Taxpayer of Income & Sales Taxes. (If Applicable)
- e) Similar projects implemented in GB, such as feasibility surveys, Geo-Tech surveys, design, estimation and implementation of construction of suspension bridge for HDPE Pipe crossing.
- f) Relevant experience;
 - a. The bidders must provide evidentiary documents (Work/purchase Order) regarding similar nature of works. Preference will be given to the bidders having local construction experience of 5 years.
- g) Bidders should provide valid Bank Account details which should not be different to the firm's registered name.
- h) The bidder should have a local Civil Engineer in the team to provide support.
- i) The bids 15% below and above the allocated budget will not be considered.
- j) The contractor should be able to complete the project before 31st March 2026 and workplan should be attached with the bidding documents.

A vendor/contractor shall be selected as per the lowest evaluated responsive quotation(s) provided such bidder meets the qualification/eligibility requirements, referred to above.

4. Additional Documentations:

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

- a) Signed/Stamped copy of this RFP
- b) Technical proposal of as per Technical Specification/TORs at **Annex-A**
- c) Financial proposal with unit rates and total cost of work (Cost must be exclusive of all taxes) as per **Annex-B**
- d) Company Profile
- e) Details of Leaflets/Brochures (If Any)

5. Validity of Quotations:

Bids shall remain valid for at least **90 days** from the date of submission of the quotation, which may be extended based on mutual discussion. A bid valid for a shorter period may be considered non-responsive.



WORLD WIDE FUND FOR NATURE
HEAD OFFICE, FEROSZEPUR ROAD LAHORE

6. Purchaser Right:

WWF-Pakistan reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time before contract award, without thereby incurring any liability to the affected Bidder or bidders. The Purchaser will inform the affected Bidder or bidders of the grounds for the Purchaser's action if so requested, but the Purchaser shall not be required to justify the grounds.

6.1 Any bidder, if found engaged in corrupt or fraudulent practices (including collusion/polling) will be declared ineligible either indefinitely or for a stated period.

6.2 WWF-Pakistan also reserves the right to increase, decrease, delete, or modify the quantity to be delivered before the issuance of a "Purchase/Supply Order" to the "Lowest Evaluated Bidder."

Regards,

Name: Zahid Hussain

**Designation: Provincial Coordinator
Civil/Environment**



Technical Specifications/Terms of Reference/BOQs/Designs

i) Following are the detailed Technical Specification and TORs:

a. Specific Tasks:

The activity focuses on the construction of a suspension bridge at Astak for HDPE pipe Nullah crossing, district Skardu. Therefore, a Geo-Tech survey should be conducted before execution of the construction work.

1. A proper geotechnical investigation and soil analysis report shall be submitted for review of the design. The geotechnical investigation must be carried out at a minimum of two locations on both sides of the bridge.
2. The contractor shall perform detailed geotechnical investigations at intervals of up to 20 feet on both sides of the structure to support the preparation of accurate shop drawings.
3. Most importantly, the contractor shall consider all applicable loads during the design phase, including dead load, live load, wind load, and seismic load.
4. For Item No. 4 – Poplar Wood, legal sourcing of wood along with supporting documentary evidence for air-seasoning and moisture content of 12% shall be submitted by the selected contractor.

The construction work includes the provision, transportation, and installation of essential construction materials such as cement, fine and coarse aggregates, SWR steel-core cables (main and suspenders), anchoring and armour plates, seasoned poplar wood, HDPE pipes with insulation, and all associated steel accessories. Skilled and unskilled labour will be deployed to execute structural works, cable installation, RCC/PCC works, anchoring, and HDPE pipe installation, ensuring proper alignment and tensioning as required.

• **Material Transportation and installation**

The Contractor shall be fully responsible for the delivery, transportation, and installation of all materials, including steel-core cables, HDPE pipes, structural wood, steel accessories, and aggregates, as well as the complete construction of the suspension bridge structure.

• **Material Quality Assurance:**

The Contractor must ensure that all supplied materials meet the required specifications, standards, and quality criteria outlined in the BOQ and technical guidelines. For Item No. 4 – Poplar Wood, legal sourcing of wood along with supporting documentary evidence for air-seasoning and moisture content of 12% shall be submitted by the selected contractor.

• **Inspection and Acceptance:**



WORLD WIDE FUND FOR NATURE
HEAD OFFICE, FERROZEPUR ROAD LAHORE

The Contractor shall ensure fault-free operations and installation. The Purchaser's Inspection Committee will inspect all supplied materials and completed works. The decision of the inspecting authority regarding approval or rejection of materials and works shall be final and binding on all parties.

- **Operation & Maintenance Period:**

A defect liability period of six (06) months shall be observed, during which the Contractor shall provide free-of-cost (FOC) operation and maintenance services, including any necessary rectification or adjustments to structural components, cables, anchoring points, and HDPE pipe installations.

- **Design Review and Consultation:**

The Contractor shall review existing designs, drawings, estimates, and construction requirements related to the suspension bridge and HDPE pipe crossing in consultation with the designated technical team.

- **Labor Arrangements:**

The Contractor is responsible for organizing all necessary skilled and unskilled labour required for cable installation, RCC/PCC works, anchoring assembly, HDPE pipe placement, insulation installation, and transportation of all materials to and across the site.

- **Site Commitment:**

The Contractor must confirm their willingness and commitment to execute the proposed activities at the site(s) identified by WWF-Pakistan.

- **Progress Reporting:**

The Contractor shall submit weekly and monthly progress reports detailing work status, material delivery, assembly, and overall site developments.

- **Coordination and Facilitation:**

The Contractor shall facilitate WWF-Pakistan's Civil Site Officer and Monitoring Teams throughout the duration of the intervention until successful completion of the suspension bridge and HDPE pipe installation.

- **Project Completion Timeline:**

The Contractor shall complete the project as per timeline defined in agreement.

- **Project Monitoring:**

The Vendor shall be responsible for ensuring fault-free operation of all supplied items and executed works. The Purchaser's Inspection Committee of WWF-Pakistan will inspect both the supplied materials and the progress of work. The Committee's decision regarding acceptance or rejection shall be final and binding on all parties.

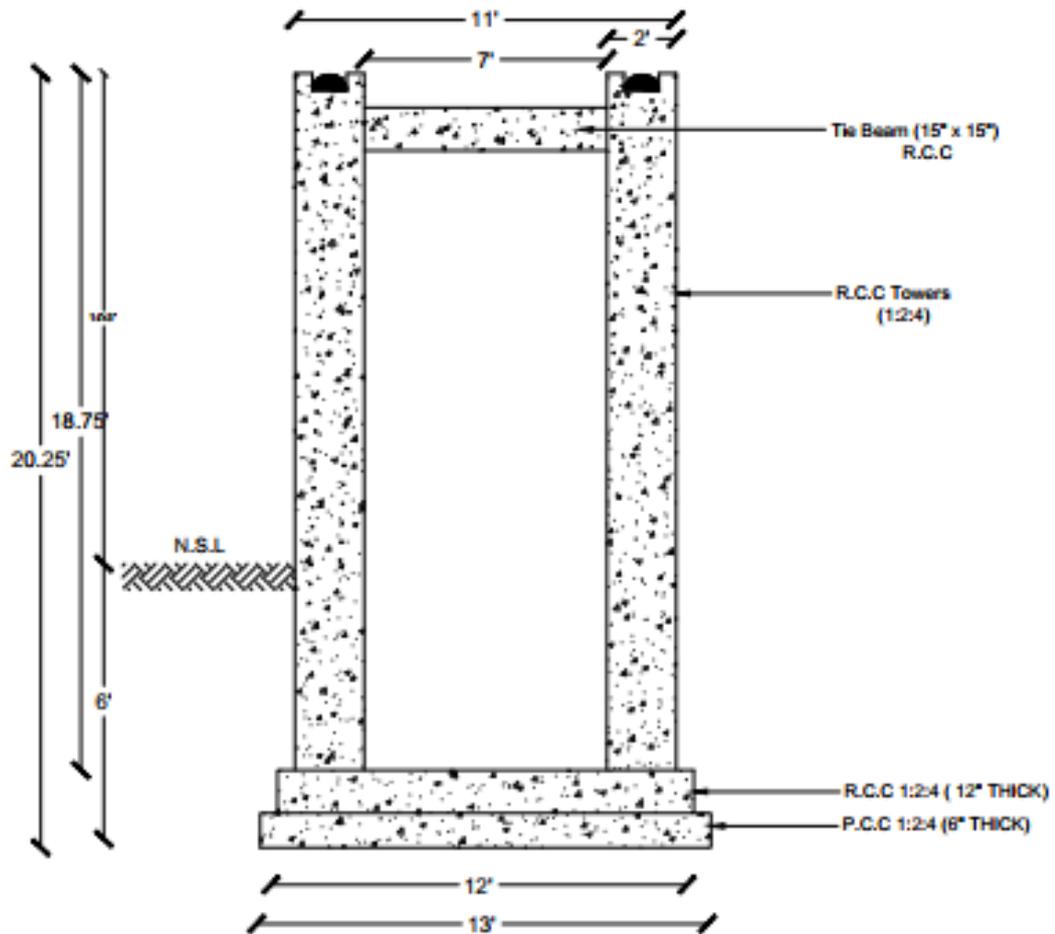
Sr#	Item Name	Specification	Units	Quantity
1	SWR main cable (Steel Core) (MR)	Providing and fixing of 0.75" dia SWR main cable (Steel Core) (MR)	Rft	1719



WORLD WIDE FUND FOR NATURE
HEAD OFFICE, FERAZEPUR ROAD LAHORE

2	SWR suspenders (Steel Core) (MR)	Providing and fixing of 0.50" dia SWR suspenders (Steel Core) (MR)	Rft	686
3	Providing and fixing steel bolts of all sizes, cable main clips, thimbles, fish plates, gussets plates, horizontal main cable tying clips etc.	Providing and fixing steel bolts of all sizes, cable main clips, thimbles, fish plates, gussets plates, horizontal main cable tying clips etc. Complete fixing inclusive paint/galvanizing (MR)	Kg's	1497
4	Providing and Fixing of Poplar Wood (Well-Seasoned)	Providing and Fixing of Poplar Wood (Air-seasoned for a minimum period of 6 months with moisture content of 12% at the time of installation).	Cft	560
5	Making profiles on ground, fixing bridges on site, anchoring cables, woodwork fixing of pipe. (MR)	Making profiles on ground, fixing bridges on site, anchoring of cables, woodworks fixing of pipe. (MR)	Lumpsum	110
6	Armour plate for anchors	Providing and fixing armour plates for main anchors #2 (MR) (500mm x 500mm x 16mm thickness)	No.s	4
7	Armour plate for main towers	Providing and fixing armour plates for main towers blocks #2 (MR) (500mm x 500mm x 16mm thickness)	No.s	2
8	HDPE Pipe	Providing and fixing of HDPE pipe of Dia 160mm PN10	Rft	220
9	PE foam (4mm) over HDPE pipe for Insulation Purpose	Providing and fixing PE foam (4mm) over HDPE pipe for Insulation Purpose	Sft	345
10	Providing and Fixing Steel Plates	Providing and Fixing Steel Plates 20ft c/c to Anchor HDPE pipe with bridge deck (2 Steel Strips with clamping arrangements) (L= 3.50' x W = 3" and Gauge #2)	No.s	6
11	Painting on wood, tower and anchors work (MR)	Burger Paints	Sft	600
12	Cement	Askari OPC 50 kg bags	Bags	257
13	Sand (Free from organic matter)	40 CFT per tractor load	Load	20

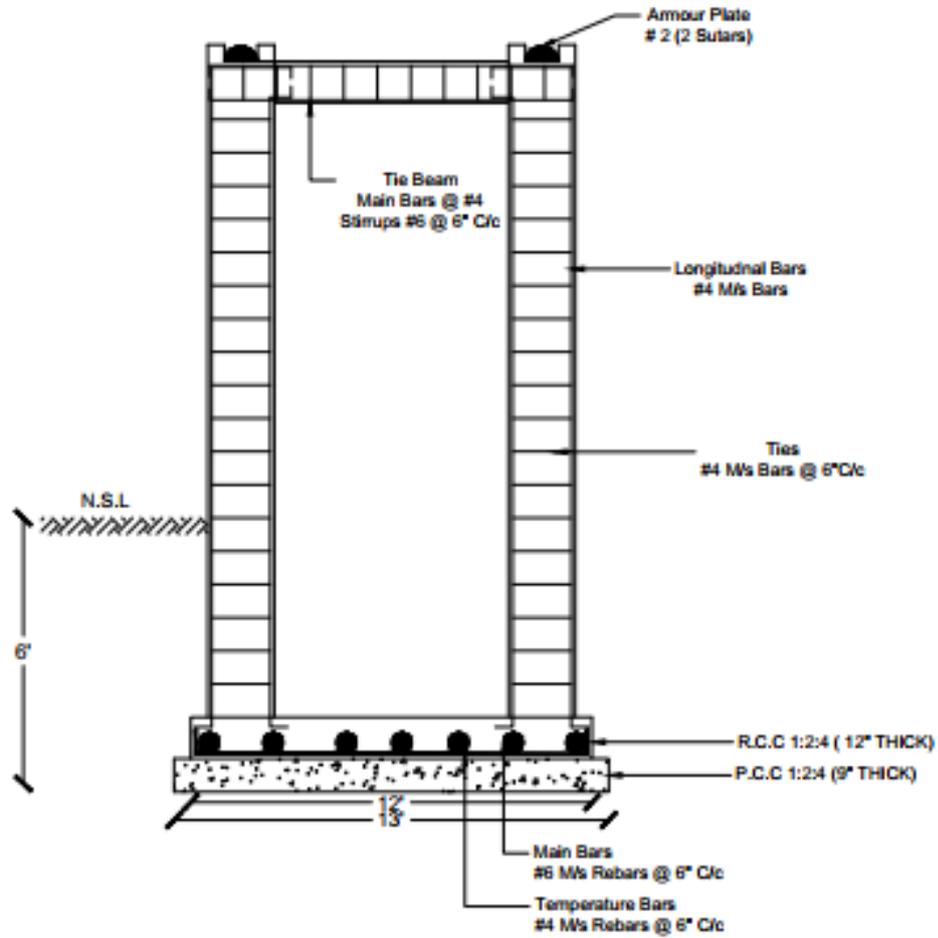
"Construction of Suspension Bridge at Astak Nullah for HDPE Pipe
Nullah Crossing at District Skardu"



Drawn By : Technical Team
WWF- Gilgit Office

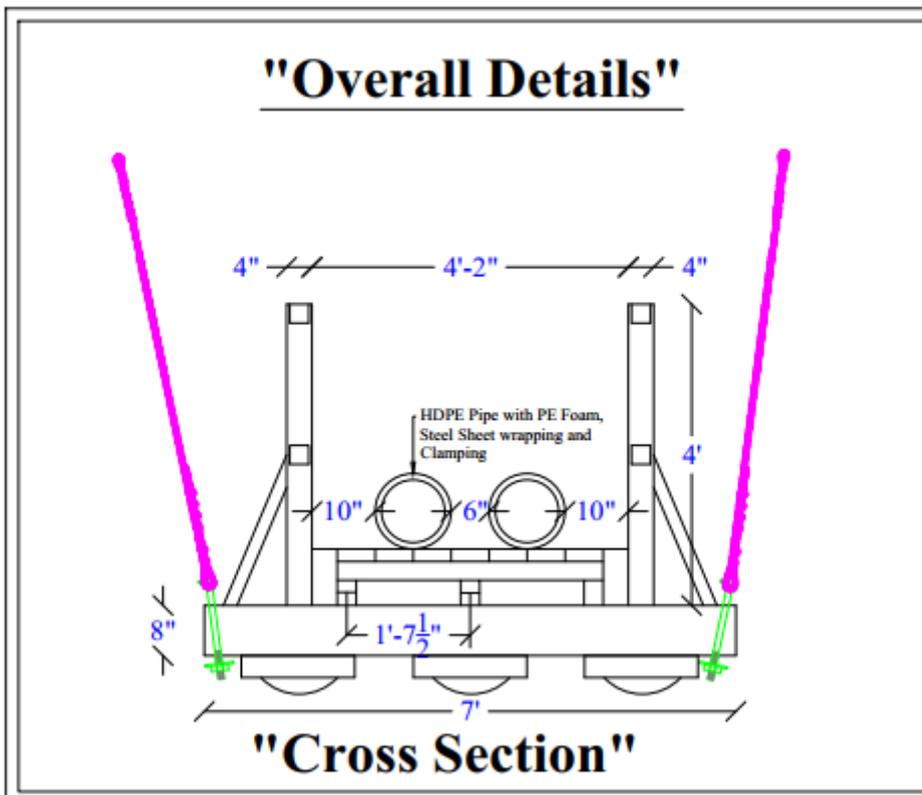
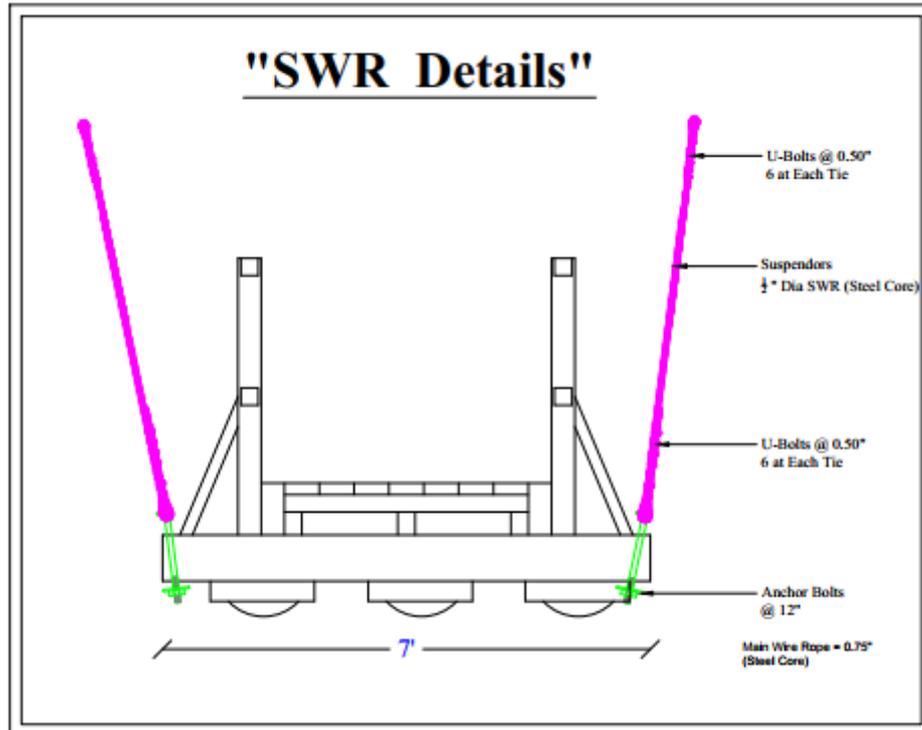
"Under WRAP Project"

"Construction of Suspension Bridge at Astak Nullah for HDPE Pipe
Nullah Crossing at District Skardu"

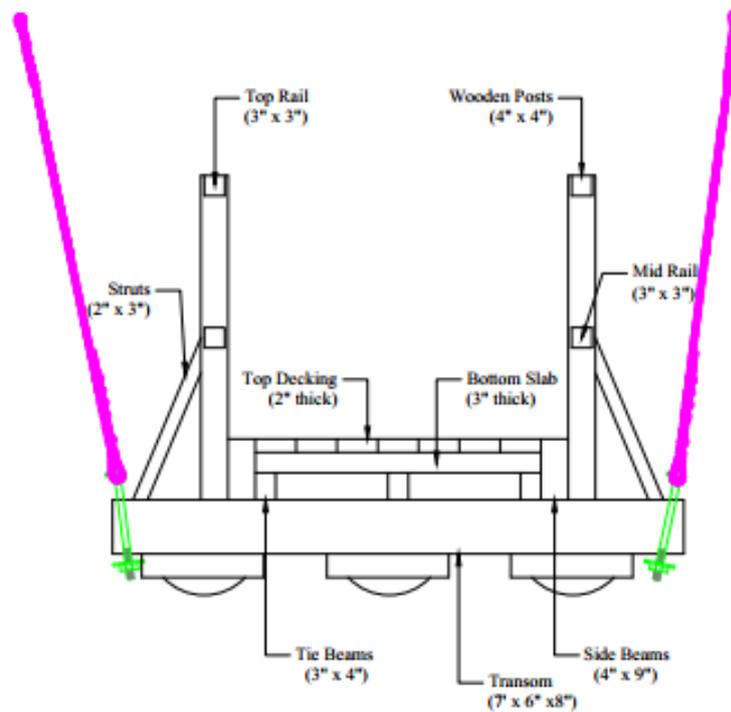


Drawn By : Technical Team
WWF- Gilgit Office

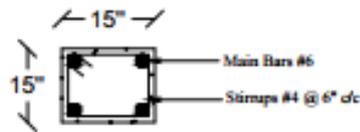
"Under WRAP Project"



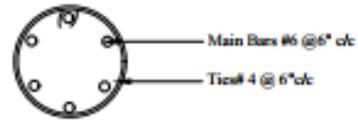
"Structural Member Details"



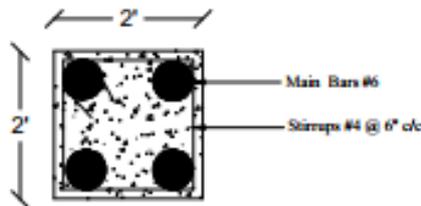
"Construction of Suspension Bridge at Astak Nullah for HDPE Pipe Nullah
 Crossing at District Skardu"



Section of Tie Beam 15"x15"



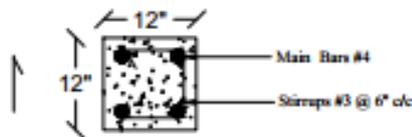
Section of Circular Beam (24" Dia)
 Main Anchor Block



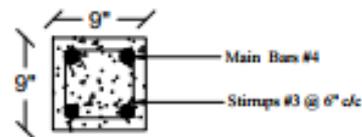
Section of Tower Walls 24" x 24"



Section of Circular Beam (18" Dia)
 Wind Guy Anchor Block



Section of R.C.C Beam at Main
 Anchor Blocks



Section of R.C.C Beam at Anchor
 Blocks

R.C.C Members Cross Sections

Drawn By : Technical Team
 WWF- Gilgit Office

"Under WRAP Project"

