

NHIDCL/RO-DDN/NH-07/RW-P3/M&R/25-26/6176

Dated: 24.03.2025

To,

All Prospective Bidders

**Sub:** Short Term maintenance for Restoration of Breach of formation on valley side & Slope Protection works at Tangni-I (from Km. 454+650 to km. 454+800) and Tangni-II (from Km. 455+260 to Km. 455+300) on NH-07 in the state of Uttarakhand under M&R.

Ref: Tender ID: 2025\_NHIDC\_854207\_1

**Corrigendum - I**

Sr. No.	Description	Item Description	Existing Unit mentioned	Unit shall be read as
1.	BoQ SI No. 1.01	Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with disposal upto 1000 metres. (Excavation for roadwork in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m.)	Cum	Cum
2.	BoQ SI No. 1.02	Providing and Laying of Mechanically Woven Double Twisted Hexagonal shaped Gabions (Zinc plus PVC coated), of size 3mX1mX1m with two diaphragms at 1m interval, having mesh opening 100mmx120 mm, mesh wire diameter 2.7mm/3.7mm, edge/selvedge wire diameter 3.4/4.4 mm and lacing wire diameter 2.2/3.2 mm. (The work includes filling boulders in the gabions)	Cum	Cum



3.	BoQ SI No. 1.03	Geotextile Filter (Laying of a geotextile filter between pitching and embankment slopes on which pitching is laid to prevent escape of the embankment material through the voids of the stone pitching/cement concrete blocks as well as to allow free movement of water without creating any uplift head on the pitching.)	Cum	Sqm
4.	BoQ SI No. 1.04	Plain/Reinforced cement concrete in open foundation complete as per drawing and technical specifications PCC Grade M15 (Case-II)	Sqm	Cum
5.	BoQ SI No. 1.05	Providing & making CE marked Gabion mattress 0.3m high with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12(D=100 mm with tolerance of $\pm 2\%$ ) Zn+PVC coated, Mesh wire diameter 2.7/3.7mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm(ID/OD), supplied @3% by weight of Gabion mattress, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per directions of Engineer-in charge.	Sqm	Cum
6.	BoQ SI No. 1.06	Drilling (ODEX drilling using tyre or crawler mounted machine as per site requirement) for micro piles of 450mm dia in soil mixed with boulders and soft rock and in rock up to the desire depth including all cost of material labour, special labour and T&P required to complete the work in all respect in accordance to drawings, technical specification and as per directions of engineer-in-charge.	Cum	Rm
7.	BoQ SI No. 1.07	Cement concrete for reinforced concrete in pile & Pile Cap complete as per drawing and Technical Specification (M-35 Grade D-I)	Cum	Cum

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8.	BoQ SI No. 1.08	Supplying, fitting and placing un-coated HYSD bar reinforcement in foundation complete as per drawing and technical specifications	Rm	MT
9.	BoQ SI No. 1.09	Supplying & Installation of Self driven rock anchor made of 40CR Material with outer dia of 32 mm and inner dia of 18.5mm Yield Load carrying capacity of minimum 230 kN in soil/ overburden/rock suitable for drilling placing and cement grouting. Installation with all accessories such as 51 mm dia drill bit, couplers, 10 mm thick base plate and nut and bolt complete in all respect	Cum	Rm
10.	BoQ SI No. 1.10	Providing and installing subsurface drainage Pipes - Perforated PVC Pipe (Lined with Non- woven Geotextile) of 75 mm internal diameter as per the drawing etc complete including the cost of drilling and as directed by Engineer- In- charge.	Cum	Rm
11.	BoQ SI No. 1.11	Supply and fixing 3D net including all cost of labour, material and T&P required for proper completion of work. 3D net is lightweight three-dimensional mat made of continuous monofilaments. 3D net are made of three dimensional structure consisting of UV Stabilized non degradable Polypropylene/ Polyethylene/ Nylon or Similar polymer fibers that are extruded or bonded at the contact point to provide a dimensionally stable matrix for soil erosion protection with minimum tensile strength 2 KN/m in length direction & 1 KN/m in cross direction having thickness 6.5-10mm, mass per unit 450-600 GSM.	Cum	Sqm
12.	BoQ SI No. 1.12	Supply and fixing of DT Mesh Including all cost of Material, Labour, and T&P required to complete the work in all respect with following Properties - a. Mesh Type 10x12 Mesh Opening 100 mmx120mm b. Mesh wire dia 2.7/3.7 mm (ID/OD), mechanically edged/ Slevedged with galavanization as per EN-10223-3, and shall have minimum 10 No.s of mesh Opening per meter of mesh perpendicular to twist. c. Tensile Strength (500 Mpa) at a minimum elongation of 10% . The minimum Tensile Strength of the mesh panel must be 32.0 Kn/m ( +/-5 Kn/m) in the parallel to the twist direction and 15.5 Kn/m in the perpendicular to the twist direction in accordance with the requirements of IS	Rm	Sqm

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		16014-2018 d. Zinc Coating : The Coating weight shall be heavily coated and soft type confirming to the requirements of specification IS 4828:1972 Adhesion of Zinc coating. No flakes or crack shall be observed while testing for adhesion of Zinc coating as per IS 4828:1972 ID/OD- Internal Diameter/Outer diameter of Polymer coated wire		
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General Manager (P), NHIDCL  
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