# **Bid Addendum Report**

## **Pokhara Metropolitan City Office**

Pokhara Metropolitan City Office Newroad Pokhara, Kaski Gandaki Province Nepal

**Addendum No: 1** 

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**Invitation No: NP-DUDBC-396306-CW-RFB** 

Dated On: 28-12-2023 00:00

#### Following changes are made in the bid document

### **Chapter: General Information**

Sl. No.	Relavant Clause No / Name	Existing Clause	Modified Clause
1	Clarification Submission Date	Not Provided in Bid Document	2024-01-03 00:00:00

### **Chapter: Bill of Quantities**

1 Provisional Sum									
		Proc	cument Item Det	ails					
SL. No	Item Description		Unit	Quantity	Unit Rate(in NPR)	Amount(in NPR)			
1	Provisional Amounts for Relocation & Additional for Material: Supply, deliver and errection of new tension/low tension 11m Concrete/Steel tubular elepoles, transformer including cable and other necess accessories all complete under the supervision of concerned department and as per instruction of Engineer.(Ref. NEA)	high ectric	PS	1	7767620	7767620			
2	Provisional Amounts for Relocation & Additional for Material: Relocation/Re-errection/Restatement services/minor infrastructures, handpump, watersupply/sewer network of various size, excavate laying and connection of water supply/sewer pipes network, backfilling of water supply/sewer trench commissioning of services including purchase and installation of pipes, fittings, house connections etcomplete services as per Specification and as per Engineer's instruction (SS/SP-105)	t of ion, s	PS	1	19354640	19354640			
3	Provisional Amounts for Relocation & Additional for Material: Provision for carrying out additional for material and works as required and instructed be Engineer as per GCC (SS/SP 502)	tests	PS	1	565000	565000			
4	Provisional Amounts for ESIA: Environmental Monitoring Works: Air quality, noise level, and wa quality testing and monitoring as per instruction of Engineer. (SS/SP-111)		PS	1	339000	339000			
5	Provisional Amounts for ESIA: Environmental & Social Mitigation Works: Provision of PPEs; Protect of Chautari's, Solid Waste Management Works; Sastorage of chemicals & lubricants; Public Safety (metal/wooden planks, sign boards, etc); Damage repairing of any vibration related damageds; Green promotion works as per instruction of Engineer. (St. 111)	fe ery	PS	1	1519850	1519850			
6	Provisional Amounts for ESIA: Public Awareness Public Participation: Awareness on OHS, Child lab Environmental Conservation; Activities to mitigate against SEA/SH-related risks including formulating adopting Code of Conduct, including sections on sa of women and girls, which will be included in all contracts and signed by workers, and provision of training on the CoC provided to all workers: aware raising to workers on mitigation risks of HIV-AIDS other sexually transmitted diseases, and CoVID. stakeholder consultations including dissemination of project information, maintaining a functional GRM the project level to address timely the project-relate grievances of communities and other stakeholders, Site Monitoring as per instruction of Engineer. (SS 111)	oour, e g and afety eness S, of I at ed and	PS	1	824900	824900			
2 C	onstruction work								
		Proc	cument Item Det	ails					
SL. No	Item Description Unit Quantity	y Bidde	er's Rate(NPR)	Bidder's	s Rate (in words)	Total Amount(NPR)			

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
1	GENERAL Works: Contractor All Risk (CAR) - Insurance Premium for the works damage for contract work for all risk including Riot, Strike, Damage, Malicious Damage, Terrorism, Loss or Damage of Material or Equipment or Property or plant, Third Party Insurance, Personal Injury or Death (including client and consultant) all complete as specified in GCC for contract work for project period including DLP as per instruction of Engineer. (SS/SP 103)	LS	1.0					
2	GENERAL Works: Provide and establish the gender friendly labor camps & adequate drinking water facility and gender friendly toilets for labors and demolish camp site and reinstate the ground as per Specifications and as instructed by Engineer (SS/SP 111)		1.0					
3	GENERAL Works: Provide, operate and maintain Quality Control Laboratory including equipment, accessories and consumables for both field testing facilities and off-site test with manpower as per Contract Documents as per Specification and instruction of Engineer all complete (SS/SP-504, 511, 503)		1.0					
4	GENERAL Works: Provide OHS safety equipments, First Aid tools and medicine for the Engineer at the site office including the labors and supervision staffs. (SS/SP 111)	LS	1.0					
5	GENERAL Works: Providing and installation of project signboards with size of 1.8*1.2 m as per Specification and instruction of Engineer (SS/SP 110)	nos	2.0					
6	GENERAL Works: Carry out routine maintenance of the existing road and sprinkling water to keep the road serviceable through out the contract period (including DLP): all complete as per instruction of Engineer. (SS/SP 109, 2902)	km-day	1863.0					

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
7	GENERAL Works: Provide photographs (Digital CD) and colour prints of post card size minimum 20 nos and Videographs (Digital CD) of maximum 2 hour during pre construction and each month for inclusion in periodic progress report to the satisfaction of the Engineer all complete.(SS/SP 116)	month	15.0					
8	GENERAL Works: Traffic Management, Temporary Diversion, provide maintain and remove on completion all signs, barrier staff and equipment for temporary control of traffic through out the contract period to the Engineer's requirements. (SS/SP 104)	LS	1.0					
9	Day Works: Unskilled Labour	Day	70.0					
10	Day Works: Skilled Labour	Day	25.0					
11	Day Works: Carpenter	Day	25.0					
12	Day Works: Mason	Day	25.0					
13	Day Works: Plumber	Day	70.0					
14	Day Works: Electrician	Day	25.0					
15	Day Works: Blacksmith (Steel Fixer)	Day	25.0					
16	Day Works: Painter	Day	25.0					
17	Day Works: Supervisor	Day	25.0					
18	Day Works: Generator	Hrs	40.0					
19	Day Works: Loader	Hrs	40.0					
20	Day Works: Water Pump	Hrs	40.0					

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
21	SITE CLEARANCE: Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable Material at suitable location to be used or auctioned, including lifts and lead, removal and disposal of top organic soil not exceeding 150 mm in thickness all complete as per Drawing, Specification and instruction of Engineer. (SS/SP 201)	sqm	20700.0					
22	SITE CLEARANCE: Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable Material with all lifts and lead and earth filling in the depression/pit. (300mm - 600mm diameter.) all complete as per instruction of engineer. (SS/SP 201)	no.	9.0					
23	SITE CLEARANCE: Dismantling of existing structures comprising of Plain/Plum Cement Concrete including scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead all complete as per Drawing, Specification and instruction of Engineer. (SS/SP 202)	cum	482.0					
24	SITE CLEARANCE: Dismantling of existing structures comprising of Reinforced Cement Concrete including scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead all complete as per drawing, Specification and instruction of Engineer. (SS/SP 202)	cum	28.16					
25	SITE CLEARANCE: Dismantling of flexible pavements and disposal of dismantled material at proper place, stacking serviceable and unserviceable material separately including all lead and lift all complete as per Drawing, Specification and instruction of Engineer. (SS/SP 202)	cum	786.79					

	Procument Item Details								
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)			
26	SITE CLEARANCE: Dismantling Rubble Stone Masonry in cement mortar including all lead and lift all complete as per drawing, Specification and instruction of Engineer. (SS/SP 202)	cum	1459.5						
27	SITE CLEARANCE: Removal of telephone/high tension and low tension electric poles including excavation and dismantling of foundation concrete and lines under the supervision of concerned department, disposal with all lifts, lead and stacking the serviceable and unserviceable material separately all complete as per Drawing, Specification and instruction of Engineer. (SS/SP 202)	nos	111.0						
28	RCC Side Drain: Earthwork in excavation in all type of soil for foundation of structures up to the required depth including dewatering, construction of shoring and bracing, removal of stumps and other deleterious matter, backfilling with approved materials and disposal of excess materials at proper place including all lead and lift all complete as per Technical Specifications and instruction of Engineer. (SS/SP 907)		4452.87						
29	RCC Side Drain: Providing and laying of granular material for soling on prepared surface all complete as per drawing, specification and instruction of Engineer. (SS/SP 1201)	cum	1140.77						
30	RCC Side Drain: Providing and laying of Reinforced Cement Concrete M20/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	5331.64						

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
31	RCC Side Drain: Providing and fixing of HYSD reinforcement of various diameter, works including straigtening, cutting, bending and tying the bars with binding wire (binding wires shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar(1:1) cover blocks to keep the bars in intended position all completer as per drawing, technical Specification and as per instruction of Engineer. (SS/SP 2014)		300.54					
32	RCC Side Drain: Supply, excavation, laying and jointing and backfilling and compaction for 110 mm HDPE 6kg\cm2 including fittings to cater the surface water from tick drain to the side drain including transportation with all lead and lift.all complete as per drawing, specification and instruction of the Engineer. (SS/SP 701)	Rm	2560.75					
33	RCC Side Drain: Providing and fixing cover of MS Grating with frame at required level including dismantalling, concreting, welding, fabricating etc. all complete as per drawing specification and instruction of engineers. (SS/SP 2014)		1899.0					
34	Tick Drain: Providing and laying of Plain Cement Concrete (M20/20) in structure including formwork all complete as per Drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	207.0					
35	MS Gate: Providing, fabricating & fixing MS plate gate 20mm thick with a frame MCP 100 and lifting handle of 50mm dia rod with rotating wheel all complete as per drawing, specification & instruction of engineer.	sqm	19.8					
36	Carriageway: Road Way Excavation in all types of soil as per drawing and technical Specifications including removal of stumps and other deleterious matter and disposal of unserviceable materials all lifts and lead as per Drawing and instruction of the Engineer. (SS/SP 905)	cum	1840.38					

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
37	Carriageway: Providing, laying, spreading and compacting embankment with roadway cutting material, foundation cutting material and compact to the required density as per Drawing, Technical Specifications and instruction of Engineer. (SS/SP 905, 909)	cum	920.19					
38	Carriageway: Providing, laying, spreading and compacting embankment with material brought from outside and compact to the required density as per Drawing, Technical Specifications and instruction of Engineer. (SS/SP 905, 909)	cum	15674.38					
39	Carriageway: Loosening, levelling and compacting original ground supporting embankment to facilitate placement of first layerof embankment, scarified to a depth of 500 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing, technical Specifications and instruction of Engineer. (SS/SP 1003, 1005)	cum	24491.46					
40	Carriageway: Providing and laying Granular Sub-Base on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Drawing and technical Specifications and instruction of Engineer. (SS/SP 1201)	cum	11049.48					
41	Carriageway: Providing and laying Crusher Run Macadam (Crushed Stone Base) on a prepared surface, spreading and mixing, watering and compacting to form a layer of Base Course (by using Machine) as per Drawing and Technical Specification and instruction of Engineer. (SS/SP 1204)	cum	8735.7					
42	Carriageway: Providing and applying Prime Coat with hot bitumen (VG10) (including cutter) on prepared surface of granular base including cleaning of road surface and spraying by mechanical means all complete as per Drawing, Specification and instruction of Engineer. (SS/SP 1302)	lit	40693.97					

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
43	Carriageway: Providing and applying Tack Coat with hot bitumen (VG10) at specified rate on the prepared non-bituminous surfaces by mechanical means including cleaning all complete as per Drawing, Specification and instruction of Engineer. (SS/SP 1302)	lit	27129.32					
44	Carriageway: Providing and laying Bituminous Concrete/ Asphalt Concrete using crushed aggregates of specified grading, premixed with bituminous binder (VG30) and filler all complete as per Drawing, Specification and instruction of Engineer. (SS/SP 1309)	cum	1808.62					
45	Carriageway: Providing and laying of M20/20 precast cement concrete kerb (Mountable and non mountable) with 12 mm thick 1:3 cement sand mortar bedding and joints including foundation excavation, levelling including formwork all complete as per Drawing, Specification and instruction of Engineer. (SS/SP 1401)	rm	9420.0					
46	Carriageway: Providing and laying of Plain Cement Concrete M15 including necessary formworks all complete as per Drawing, Specification and instruction of Engineer. (SS/SP 2007 & 1804)	cum	190.0					
47	Carriageway: Road Marking with hot applied thermoplastic compound with reflectorizing glass beads on bitunious surface ,on smooth surface (Similar to asphalt concrete and rigid pavement): Providing and laying of hot applied thermoplastic compound at least 2mm thick including reflectorizing glass beads as per DOR Traffic Sign Manual/Specification. The finished surface to be level, uniform and free from streaks and holes all complet as per instruction of Engineer. (SS/SP 1504)	Sqm	3140.91					
48	Carriageway: Providing and Painting two coats after filling the surface with synthetic enamel paint in all shades on concrete/plaster surfaces as per Drawing and Technical Specifications (SS/SP 1501)	Sqm	3527.13					

	Procument Item Details								
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)			
49	Road Furniture and Sign: Providing and fixing of retro- reflectrized warning, mandatory and informatory sign as per Specification clause 1501 made of high intensity grade sheeting, fixed over aluminium sheeting, 1.5 mm thick supported on a 50 mm internal dia steel tube or mild steel angle iron post 75mmX 40 mm X6 mm firmly fixed to the ground by means of properly designed foundation with M15/40 grade cement concrete 30 cm X 30 cm, 30 cm below ground level or as per Drawing, technical Specifications and instruction of Engineer. Single Post 90 cm height equilateral triangle (SS/SP 1501)		35.0						
50	Road Furniture and Sign: Providing and fixing of retro- reflectrized warning, mandatory and informatory sign as per Specification clause 1501 made of high intensity grade sheeting, fixed over aluminium sheeting, 1.5 mm thick supported on a 50 mm internal dia steel tube or mild steel angle iron post 75mmX 40 mm X6 mm firmly fixed to the ground by means of properly designed foundation with M15/40 grade cement concrete 30 cm X 30 cm, 30 cm below ground level or as per Drawing, technical Specifications and instruction of Engineer. Single Post 60 cm circular (SS/SP 1501)		52.0						
51	Road Furniture and Sign: Providing and fixing of retroreflectrized warning, mandatory and informatory sign as per Specification clause 1501 made of high intensity grade sheeting, fixed over aluminium sheeting, 1.5 mm thick supported on a 50 mm internal dia steel tube or mild steel angle iron post 75mmX 40 mm X6 mm firmly fixed to the ground by means of properly designed foundation with M15/40 grade cement concrete 30 cm X 30 cm, 30 cm below ground level or as per Drawing, technical Specifications and instruction of Engineer. Single Post 80 cm x 60 cm rectangular (SS/SP 1501)		52.0						

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
52	Road Furniture and Sign: Standard kilometer marker stone (placed at each km distance) all complete as per Drawing, Specification and instruction of Engineer. (SS/SP 1506)	Nos	4.0					
53	Road Furniture and Sign: Standard kilometer marker stone (placed at Five km distance) all complete as per drawing, specification and instruction. (SS/SP 1506)	Nos	1.0					
54	Road Furniture and Sign: Providing and erecting street light mounted on a steel circular hollow pole of standard specifications for street lighting, 11 m high spaced 20m apart, overhang on one side if fixed on the footpath, fitted with 100 watt white emitting diod (W- LED) with auto on/off including Cable and fixed firmly in concrete foundation as per design ,Drawing and Technical Specifications. (NEA)	Nos	161.0					
55	Road Furniture and Sign: Providing and erecting a "W" metal beam crashbarrier comprising of 3mm thick corrugated sheet metal beam rail, 70cm above road/ground level, fixed on ISMC series channel vertical post, 150x75x5 mm spaced 2m center to center, 1.8m high, 1.1m below ground/road level metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm, 330mm long complete as per Drawing, Technical Specifications and instruction of Engineer. (SS/SP 1511)	Rm	60.0					
56	Footpath: Earth filling including compaction in layers not exceeding 150mm compaction depth, watering and necessary haulage etc. as per specification, all complete as per Drawing, Specification and instruction of Engineer. (SS/SP 908)	cum	994.0					
57	Footpath: Providing and laying 60mm thick rectangular interlock pavers (Blended colour) having size (200mmX100mmX60mm) with compressive strength M35 or above (NS standard) on 50 mm thick stone dust all complete as per Drawings, Specifications and the instructions of the Engineer. (DUDBC)	sqm	6624.0					

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
58	Footpath: Provide & laying disabled friendly tactile paving which will enable easy movement for the physically challenged in perfect line & level, all complete as per Drawing, Specification and instruction of Engineers. (DUDBC)	sqm	3312.0					
59	Footpath: Tubular Steel Railing on Preast RCC posts with painting 1.2m High above ground Level: Providing, fencing and erecting 50mm dia painted steel pipe in railing in 3 rows on precast M20/20 grade RCC vertical posts 1.8m high (1.2m above GL) with 3 holes 50mm dia for pipe, fixed 2 meter center to center, complete as per Drawing and Technical Specifications and instruction of Engineers. (SS/SP 3105)	rm	3040.0					
60	Wall Below Drain: Earthwork in excavation in all type of soil for foundation of structures up to the required depth including dewatering, construction of shoring and bracing, removal of stumps and other deleterious matter, backfilling with approved materials and disposal of excess materials at proper place all complete as per Technical Specifications and instruction of Engineer. (SS/SP 907)	cum	610.82					
61	Wall Below Drain: Providing and laying of compacted granular sub-base material for soling on prepared surface all complete as per drawing, specification and instruction. (SS/SP 1201)	cum	186.1					
62	Wall Below Drain: Providing and laying of Plain Cement Concrete M15 including necessary formworks complete all complete as per Drawing, Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	124.07					
63	Wall Below Drain: Providing and laying of plumConcrete (boulder mixed concrete) in Foundation including formwork complete as per Drawing and Technical Specifications and instruction of engineer. 60% M15 and 40% boulder /stones, using mechanical aid. (SS/SP 2416, 3109, 1804)	cum	911.4					

	Procument Item Details								
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)			
64	Gabion Retaining Wall Structure: Providing and laying Gabion Structure for retaining earth with diaphragm including rolling, cutting weaving, placing, laying sides and diaphragms with binding wire and filling boulders all complete as per Drawing, Technical Specifications and instruction of Engineer. (Mesh Wire- 10 Swg (0.0615 kg/m), Selvedge Wire 8 Swg (0.1057 kg/m), Binding Wire 12 Swg (0.0409 kg/m) Hexagonal mesh Type 100 mm X 120 mm. (SS/SP 2401, 2402)	cum	781.1						
65	Gabion Retaining Wall Structure: Providing and laying of a geotextile filter between pitching and embankment slopes as per Drawing and Technical Specifications. (SS/SP 2414)	Sqm	431.1						
66	Ramp: Providing and laying Granular Sub-Base on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Drawing and technical Specifications and instruction of Engineer. (SS/SP 1201)	cum	73.0						
67	Ramp: Providing and laying of Plain Cement Concrete M15 including necessary formworks complete all complete as per Drawing, Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	11.22						
68	Irrigation Crossing (Cell Size 2 X 2 Double Cell): Earthwork in excavation in all type of soil for foundation of structures up to the required depth including dewatering, construction of shoring and bracing, removal of stumps and other deleterious matter, backfilling with approved Materials and disposal of excess materials at proper place all complete as per Technical Specifications and instruction of Engineer. (SS/SP 907)	cum	210.92						

	Procument Item Details								
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)			
69	Irrigation Crossing (Cell Size 2 X 2 Double Cell): Loosening, levelling and compacting original ground supporting embankment to facilitate placement of first layerof embankment, scarified to a depth of 500 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing, technical Specifications and instruction of Engineer. (SS/SP 1003, 1005)	cum	111.03						
70	Irrigation Crossing (Cell Size 2 X 2 Double Cell): Providing and laying of granular material for soling on prepared surface all complete as per drawing, specification and instruction of Engineer. (SS/SP 1201)	cum	16.85						
71	Irrigation Crossing (Cell Size 2 X 2 Double Cell): Providing and laying of Plain Cement Concrete M15 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	18.76						
72	Irrigation Crossing (Cell Size 2 X 2 Double Cell): Providing and laying of Plain Cement Concrete M20/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	2.19						
73	Irrigation Crossing (Cell Size 2 X 2 Double Cell): Providing and laying of Reinforced Cement Concrete M25/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	198.57						

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
74	Irrigation Crossing (Cell Size 2 X 2 Double Cell): Providing and fixing of HYSD reinforcement of various diameter, works including straigtening, cutting, bending and tying the bars with binding wire (binding wires shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar(1:1) cover blocks to keep the bars in intended position all completer as per drawing, technical Specification and as per instruction of Engineer. (SS/SP 2014)	Mt	15.59					
75	Irrigation Crossing (Cell Size 2 X 2 Double Cell): Providing and laying of Plum Concrete (boulder mixed concrete) in Foundation including formwork complete as per Drawing and Technical Specifications and instruction of Engineer. 60% M15 and 40% boulder /stones, using mechanical aid. (SS/SP 2416, 3109 & 1804)	cum	7.64					
76	Irrigation Crossing (Cell Size 2 X 2 Double Cell): Providing and laying Gabion Structure for retaining earth with diaphragm including rolling, cutting weaving, placing, laying sides and diaphragms with binding wire and filling boulders all complete as per Drawing, Technical Specifications and instruction of Engineer. (Mesh Wire- 10 Swg (0.0615 kg/m), Selvedge Wire 8 Swg (0.1057 kg/m), Binding Wire 12 Swg (0.0409 kg/m) Hexagonal mesh Type 100 mm X 120 mm. (SS/SP 2401, 2402)	cum	8.22					
77	Irrigation Crossing (Cell Size 2 X 2 Double Cell): Tubular Steel Railing on Preast RCC posts with painting 1.2m High above ground Level: Providing, fencing and erecting 50mm dia painted steel pipe in railing in 3 rows on precast M20/20 grade RCC vertical posts 1.8m high (1.2m above GL) with 3 holes 50mm dia for pipe, fixed 2 meter center to center, complete as per Drawing and Technical Specifications and instruction of Engineers. (SS/SP 3105)	rm	24.0					

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
78	Irrigation Crossing (Cell Size 2 X 2 Double Cell): Providing and Painting two coats after filling the surface with enamel paint in all shades on surfaces as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 1501)	sqm	2.0					
79	Irrigation Crossing (Cell Size 2 X 2 Double Cell): Providing and laying weep holes in Brick dry/Plain/ Reinforced concrete abutment, Wing wall/ Wing wall with 110 mm dia HDPE pipe, extending through the full width of the structure with slope of 1V:20H towards as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 3109)	rm	30.0					
80	Irrigation Crossing (Cell Size 2 X 2 Double Cell): Providing and installation of Drainage spout and Collection Pit including galvanized plate, drain pipe, M.S. flats all complete as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 3107)	nos	4.0					
81	Irrigation Crossing (Cell Size 1.5 X 1 Single Cell): Earthwork in excavation in all type of soil for foundation of structures up to the required depth including dewatering, construction of shoring and bracing, removal of stumps and other deleterious matter, backfilling with approved Materials and disposal of excess materials at proper place all complete as per Technical Specifications and instruction of Engineer. (SS/SP 907)	cum	219.49					
82	Irrigation Crossing (Cell Size 1.5 X 1 Single Cell): Loosening, levelling and compacting original ground supporting embankment to facilitate placement of first layerof embankment, scarified to a depth of 500 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing, technical Specifications and instruction of Engineer. (SS/SP 1003, 1005)	cum	174.87					

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
83	Irrigation Crossing (Cell Size 1.5 X 1 Single Cell): Providing and laying of granular material for soling on prepared surface all complete as per drawing, specification and instruction of Engineer. (SS/SP 1201)	cum	22.26					
84	Irrigation Crossing (Cell Size 1.5 X 1 Single Cell): Providing and laying of Plain Cement Concrete M15 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	24.5					
85	Irrigation Crossing (Cell Size 1.5 X 1 Single Cell): Providing and laying of Plain Cement Concrete M20/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	3.28					
86	Irrigation Crossing (Cell Size 1.5 X 1 Single Cell): Providing and laying of Reinforced Cement Concrete M25/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	250.92					
87	Irrigation Crossing (Cell Size 1.5 X 1 Single Cell): Providing and fixing of HYSD reinforcement of various diameter, works including straigtening, cutting, bending and tying the bars with binding wire (binding wires shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar(1:1) cover blocks to keep the bars in intended position all completer as per drawing, technical Specification and as per instruction of Engineer. (SS/SP 2014)	Mt	19.7					
88	Irrigation Crossing (Cell Size 1.5 X 1 Single Cell): Providing and laying of plumConcrete (boulder mixed concrete) in Foundation including formwork complete as per Drawing and Technical Specifications and instruction of Engineer. 60% M15 and 40% boulder /stones, using mechanical aid. (SS/SP 2416, 3109 & 1804)	cum	11.45					

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
89	Irrigation Crossing (Cell Size 1.5 X 1 Single Cell): Providing and laying Gabion Structure for retaining earth with diaphragm including rolling, cutting weaving, placing, laying sides and diaphragms with binding wire and filling boulders all complete as per Drawing, Technical Specifications and instruction of Engineer. (Mesh Wire- 10 Swg (0.0615 kg/m), Selvedge Wire 8 Swg (0.1057 kg/m), Binding Wire 12 Swg (0.0409 kg/m) Hexagonal mesh Type 100 mm X 120 mm. (SS/SP 2401, 2402)	cum	12.6					
90	Irrigation Crossing (Cell Size 1.5 X 1 Single Cell): Tubular Steel Railing on Preast RCC posts with painting 1.2m High above ground Level: Providing, fencing and erecting 50mm dia painted steel pipe in railing in 3 rows on precast M20/20 grade RCC vertical posts 1.8m high (1.2m above GL) with 3 holes 50mm dia for pipe, fixed 2 meter center to center, complete as per Drawing and Technical Specifications and instruction of Engineers. (SS/SP 3105)	rm	36.0					
91	Irrigation Crossing (Cell Size 1.5 X 1 Single Cell): Providing and Painting two coats after filling the surface with enamel paint in all shades on surfaces as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 1501)	sqm	4.0					
92	Irrigation Crossing (Cell Size 1.5 X 1 Single Cell): Providing and laying weep holes in Brick dry/Plain/ Reinforced concrete abutment, Wing wall/ Wing wall with 110 mm dia HDPE pipe, extending through the full width of the structure with slope of 1V:20H towards as per Drawing, Technical Specifications and instruction of engineer.: (SS/SP 3109)	rm	60.0					
93	Irrigation Crossing (Cell Size 1.5 X 1 Single Cell): Providin and installation of Drainage spout and Collection Pit including galvanized plate, drain pipe, M.S. flats all complete as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 3107)	nos	16.0					

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
94	Irrigation Crossing (Cell Size 2 X 1) Single Cell: Earthwork in excavation in all type of soil for foundation of structures up to the required depth including dewatering, construction of shoring and bracing, removal of stumps and other deleterious matter, backfilling with approved Materials and disposal of excess materials at proper place all complete as per Technical Specifications and instruction of Engineer. (SS/SP 907)	cum	574.61					
95	Irrigation Crossing (Cell Size 2 X 1) Single Cell: Loosening, levelling and compacting original ground supporting embankment to facilitate placement of first layerof embankment, scarified to a depth of 500 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing, technical Specifications and instruction of Engineer. (SS/SP 1003, 1005)	cum	417.37					
96	Irrigation Crossing (Cell Size 2 X 1) Single Cell: Providing and laying of granular material for soling on prepared surface all complete as per drawing, specification and instruction of Engineer. (SS/SP 1201)	cum	58.38					
97	Irrigation Crossing (Cell Size 2 X 1) Single Cell: Providing and laying of Plain Cement Concrete M15 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	66.05					
98	Irrigation Crossing (Cell Size 2 X 1) Single Cell: Providing and laying of Plain Cement Concrete M20/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	8.74					
99	Irrigation Crossing (Cell Size 2 X 1) Single Cell: Providing and laying of Reinforced Cement Concrete M25/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	630.72					

	Procument Item Details								
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)			
100	Irrigation Crossing (Cell Size 2 X 1) Single Cell: Providing and fixing of HYSD reinforcement of various diameter, works including straigtening, cutting, bending and tying the bars with binding wire (binding wires shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar(1:1) cover blocks to keep the bars in intended position all completer as per drawing, technical Specification and as per instruction of Engineer. (SS/SP 2014)	Mt	49.51						
101	Irrigation Crossing (Cell Size 2 X 1) Single Cell: Providing and laying of plumConcrete (boulder mixed concrete) in Foundation including formwork complete as per Drawing and Technical Specifications and instruction of Engineer. 60% M15 and 40% boulder /stones, using mechanical aid. (SS/SP 2416, 3109, 1804)	cum	30.54						
102	Irrigation Crossing (Cell Size 2 X 1) Single Cell: Providing and laying Gabion Structure for retaining earth with diaphragm including rolling, cutting weaving, placing, laying sides and diaphragms with binding wire and filling boulders all complete as per Drawing, Technical Specifications and instruction of Engineer. (Mesh Wire- 10 Swg (0.0615 kg/m), Selvedge Wire 8 Swg (0.1057 kg/m), Binding Wire 12 Swg (0.0409 kg/m) Hexagonal mesh Type 100 mm X 120 mm. (SS/SP 2401, 2402)	cum	34.08						
103	Irrigation Crossing (Cell Size 2 X 1) Single Cell: Tubular Steel Railing on Preast RCC posts with painting 1.2m High above ground Level: Providing, fencing and erecting 50mm dia painted steel pipe in railing in 3 rows on precast M20/20 grade RCC vertical posts 1.8m high (1.2m above GL) with 3 holes 50mm dia for pipe, fixed 2 meter center to center, complete as per Drawing and Technical Specifications and instruction of Engineers. (SS/SP 3105)	rm	80.0						

	Procument Item Details								
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)			
104	Irrigation Crossing (Cell Size 2 X 1) Single Cell: Providing and Painting two coats after filling the surface with enamel paint in all shades on surfaces as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 1501)	sqm	8.0						
105	Irrigation Crossing (Cell Size 2 X 1) Single Cell: Providing and laying weep holes in Brick dry/Plain/ Reinforced concrete abutment, Wing wall/ Wing wall with 110 mm dia HDPE pipe, extending through the full width of the structure with slope of 1V:20H towards as per Drawing, Technical Specifications and instruction of engineer.: (SS/SP 3109)	rm	120.0						
106	Irrigation Crossing (Cell Size 2 X 1) Single Cell: Providin and installation of Drainage spout and Collection Pit including galvanized plate, drain pipe, M. S. flats all complete as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 3107)	nos	64.0						
107	Box Culvert (Cell Size 3 X 1.8 Double Cell): Earthwork in excavation in all type of soil for foundation of structures up to the required depth including dewatering, construction of shoring and bracing, removal of stumps and other deleterious matter, backfilling with approved Materials and disposal of excess materials at proper place all complete as per Technical Specifications and instruction of Engineer. (SS/SP 907)	cum	253.02						
108	Box Culvert (Cell Size 3 X 1.8 Double Cell): Loosening, levelling and compacting original ground supporting embankment to facilitate placement of first layerof embankment, scarified to a depth of 500 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing, technical Specifications and instruction of Engineer. (SS/SP 1003, 1005)	cum	133.28						

	Procument Item Details								
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)			
109	Box Culvert (Cell Size 3 X 1.8 Double Cell): Providing and laying of granular material for soling on prepared surface all complete as per drawing, specification and instruction of Engineer. (SS/SP 1201)	cum	21.35						
110	Box Culvert (Cell Size 3 X 1.8 Double Cell): Providing and laying of Plain Cement Concrete M15/40 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	24.86						
111	Box Culvert (Cell Size 3 X 1.8 Double Cell): Providing and laying of Plain Cement Concrete M20/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	3.28						
112	Box Culvert (Cell Size 3 X 1.8 Double Cell): Providing and laying of Reinforced Cement Concrete M25/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	219.33						
113	Box Culvert (Cell Size 3 X 1.8 Double Cell): Providing and fixing of HYSD reinforcement of various diameter, works including straigtening, cutting, bending and tying the bars with binding wire (binding wires shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar(1:1) cover blocks to keep the bars in intended position all completer as per drawing, technical Specification and as per instruction of Engineer. (SS/SP 2014)	Mt	17.22						
114	Box Culvert (Cell Size 3 X 1.8 Double Cell): Providing and laying of plumConcrete (boulder mixed concrete) in Foundation including formwork complete as per Drawing and Technical Specifications and instruction of Engineer. 60% M15 and 40% boulder /stones, using mechanical aid. (SS/SP 2416, 3109, 1804)	cum	11.45						

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
115	Box Culvert (Cell Size 3 X 1.8 Double Cell): Providing and laying Gabion Structure for retaining earth with diaphragm including rolling, cutting weaving, placing, laying sides and diaphragms with binding wire and filling boulders all complete as per Drawing, Technical Specifications and instruction of Engineer. (Mesh Wire- 10 Swg (0.0615 kg/m), Selvedge Wire 8 Swg (0.1057 kg/m), Binding Wire 12 Swg (0.0409 kg/m) Hexagonal mesh Type 100 mm X 120 mm. (SS/SP 2401, 2402)	cum	11.22					
116	Box Culvert (Cell Size 3 X 1.8 Double Cell): Tubular Steel Railing on Preast RCC posts with painting 1.2m High above ground Level: Providing, fencing and erecting 50mm dia painted steel pipe in railing in 3 rows on precast M20/20 grade RCC vertical posts 1.8m high (1.2m above GL) with 3 holes 50mm dia for pipe, fixed 2 meter center to center, complete as per Drawing and Technical Specifications and instruction of Engineers. (SS/SP 3105)	rm	28.0					
117	Box Culvert (Cell Size 3 X 1.8 Double Cell): Providing and Painting two coats after filling the surface with enamel paint in all shades on surfaces as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 1501)	sqm	2.0					
118	Box Culvert (Cell Size 3 X 1.8 Double Cell): Providing and laying weep holes in Brick dry/Plain/ Reinforced concrete abutment, Wing wall/ Wing wall with 110 mm dia HDPE pipe, extending through the full width of the structure with slope of 1V:20H towards as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 3109)		30.0					
119	Box Culvert (Cell Size 3 X 1.8 Double Cell): Providing and installation of Drainage spout and Collection Pit including galvanized plate, drain pipe, M. S. flats all complete as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 3107)	nos	4.0					

	Procument Item Details								
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)			
120	Irrigation Crossing (Cell Size 2 X 2.5 DOUBLE Cell): Earthwork in excavation in all type of soil for foundation of structures up to the required depth including dewatering, construction of shoring and bracing, removal of stumps and other deleterious matter, backfilling with approved Materials and disposal of excess materials at proper place all complete as per Technical Specifications and instruction of Engineer. (SS/SP 907)	cum	253.02						
121	Irrigation Crossing (Cell Size 2 X 2.5 DOUBLE Cell): Loosening, levelling and compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 500 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing, technical Specifications and instruction of Engineer. (SS/SP 1003, 1005)	cum	133.28						
122	Irrigation Crossing (Cell Size 2 X 2.5 DOUBLE Cell): Providing and laying of granular material for soling on prepared surface all complete as per drawing, specification and instruction of Engineer. (SS/SP 1201)	cum	21.35						
123	Irrigation Crossing (Cell Size 2 X 2.5 DOUBLE Cell): Providing and laying of Plain Cement Concrete M15/40 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	24.86						
124	Irrigation Crossing (Cell Size 2 X 2.5 DOUBLE Cell): Providing and laying of Plain Cement Concrete M20/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	3.28						
125	Irrigation Crossing (Cell Size 2 X 2.5 DOUBLE Cell): Providing and laying of Reinforced Cement Concrete M25/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	219.33						

	Procument Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)	
126	Irrigation Crossing (Cell Size 2 X 2.5 DOUBLE Cell): Providing and fixing of HYSD reinforcement of various diameter, works including straigtening, cutting, bending and tying the bars with binding wire (binding wires shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar(1:1) cover blocks to keep the bars in intended position all completer as per drawing, technical Specification and as per instruction of Engineer. (SS/SP 2014)	Mt	17.22				
127	Irrigation Crossing (Cell Size 2 X 2.5 DOUBLE Cell): Providing and laying of plumConcrete (boulder mixed concrete) in Foundation including formwork complete as per Drawing and Technical Specifications and instruction of Engineer. 60% M15 and 40% boulder /stones, using mechanical aid. (SS/SP 2416, 3109, 1804)	Cum	11.45				
128	Irrigation Crossing (Cell Size 2 X 2.5 DOUBLE Cell): Providing and laying Gabion Structure for retaining earth with diaphragm including rolling, cutting weaving, placing, laying sides and diaphragms with binding wire and filling boulders all complete as per Drawing, Technical Specifications and instruction of Engineer. (Mesh Wire- 10 Swg (0.0615 kg/m), Selvedge Wire 8 Swg (0.1057 kg/m), Binding Wire 12 Swg (0.0409 kg/m) Hexagonal mesh Type 100 mm X 120 mm. (SS/SP 2401, 2402)		11.22				
129	Irrigation Crossing (Cell Size 2 X 2.5 DOUBLE Cell): Tubular Steel Railing on Preast RCC posts with painting 1.2m High above ground Level: Providing, fencing and erecting 50mm dia painted steel pipe in railing in 3 rows on precast M20/20 grade RCC vertical posts 1.8m high (1.2m above GL) with 3 holes 50mm dia for pipe, fixed 2 meter center to center, complete as per Drawing and Technical Specifications and instruction of Engineers. (SS/SP 3105)	rm	28.0				

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
130	Irrigation Crossing (Cell Size 2 X 2.5 DOUBLE Cell): Providing and Painting two coats after filling the surface with enamel paint in all shades on surfaces as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 1501)	sqm	2.0					
131	Irrigation Crossing (Cell Size 2 X 2.5 DOUBLE Cell): Providing and laying weep holes in Brick dry/Plain/ Reinforced concrete abutment, Wing wall/ Wing wall with 110 mm dia HDPE pipe, extending through the full width of the structure with slope of 1V:20H towards as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 3109)	rm	30.0					
132	Irrigation Crossing (Cell Size 2 X 2.5 DOUBLE Cell): Providing and installation of Drainage spout and Collection Pit including galvanized plate, drain pipe, M.S. flats all complete as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 3107)	nos	4.0					
133	Irrigation Crossing (Cell Size 1 X 1 Single Cell): Earthwork in excavation in all type of soil for foundation of structures up to the required depth including dewatering, construction of shoring and bracing, removal of stumps and other deleterious matter, backfilling with approved Materials and disposal of excess materials at proper place all complete as per Technical Specifications and instruction of Engineer. (SS/SP 907)	cum	70.61					
134	Irrigation Crossing (Cell Size 1 X 1 Single Cell): Loosening, levelling and compacting original ground supporting embankment to facilitate placement of first layerof embankment, scarified to a depth of 500 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing, technical Specifications and instruction of Engineer. (SS/SP 1003, 1005)	cum	49.9					

	Procument Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)	
135	Irrigation Crossing (Cell Size 1 X 1 Single Cell): Providing and laying of granular material for soling on prepared surface all complete as per drawing, specification and instruction of Engineer. (SS/SP 1201)	cum	7.4				
136	Irrigation Crossing (Cell Size 1 X 1 Single Cell): Providing and laying of Plain Cement Concrete M15/40 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	7.73				
137	Irrigation Crossing (Cell Size 1 X 1 Single Cell): Providing and laying of Plain Cement Concrete M20/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	1.09				
138	Irrigation Crossing (Cell Size 1 X 1 Single Cell): Providing and laying of Reinforced Cement Concrete M25/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	116.89				
139	Irrigation Crossing (Cell Size 1 X 1 Single Cell): Providing and fixing of HYSD reinforcement of various diameter, works including straigtening, cutting, bending and tying the bars with binding wire (binding wires shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar(1:1) cover blocks to keep the bars in intended position all completer as per drawing, technical Specification and as per instruction of Engineer. (SS/SP 2014)	Mt	9.18				
140	Irrigation Crossing (Cell Size 1 X 1 Single Cell): Providing and laying of plumConcrete (boulder mixed concrete) in Foundation including formwork complete as per Drawing and Technical Specifications and instruction of Engineer. 60% M15 and 40% boulder /stones, using mechanical aid. (SS/SP 2416, 3109, 1804)	cum	1.8				

				Procument Item Deta	ails	
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
141	Irrigation Crossing (Cell Size 1 X 1 Single Cell): Providing and laying Gabion Structure for retaining earth with diaphragm including rolling, cutting weaving, placing, laying sides and diaphragms with binding wire and filling boulders all complete as per Drawing, Technical Specifications and instruction of Engineer. (Mesh Wire- 10 Swg (0.0615 kg/m), Selvedge Wire 8 Swg (0.1057 kg/m), Binding Wire 12 Swg (0.0409 kg/m) Hexagonal mesh Type 100 mm X 120 mm. (SS/SP 2401, 2402)	cum	5.22			
142	Irrigation Crossing (Cell Size 1 X 1 Single Cell): Tubular Steel Railing on Preast RCC posts with painting 1.2m High above ground Level: Providing, fencing and erecting 50mm dia painted steel pipe in railing in 3 rows on precast M20/20 grade RCC vertical posts 1.8m high (1.2m above GL) with 3 holes 50mm dia for pipe, fixed 2 meter center to center, complete as per Drawing and Technical Specifications and instruction of Engineers. (SS/SP 3105)	rm	18.0			
143	Irrigation Crossing (Cell Size 1 X 1 Single Cell): Providing and Painting two coats after filling the surface with enamel paint in all shades on surfaces as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 1501)	sqm	2.0			
144	Irrigation Crossing (Cell Size 1 X 1 Single Cell): Providing and laying weep holes in Brick dry/Plain/ Reinforced concrete abutment, Wing wall/ Wing wall with 110 mm dia HDPE pipe, extending through the full width of the structure with slope of 1V:20H towards as per Drawing, Technical Specifications and instruction of engineer.: (SS/SP 3109)	rm	30.0			
145	Irrigation Crossing (Cell Size 1 X 1 Single Cell): Providing and installation of Drainage spout and Collection Pit including galvanized plate, drain pipe, M. S. flats all complete as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 3107)	nos	4.0			

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
146	Irrigation Crossing (Cell Size 2.5 X 1.5 DOUBLE Cell): Earthwork in excavation in all type of soil for foundation of structures up to the required depth including dewatering, construction of shoring and bracing, removal of stumps and other deleterious matter, backfilling with approved Materials and disposal of excess materials at proper place all complete as per Technical Specifications and instruction of Engineer. (SS/SP 907)	cum	208.42					
147	Irrigation Crossing (Cell Size 2.5 X 1.5 DOUBLE Cell): Loosening, levelling and compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 500 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing, technical Specifications and instruction of Engineer. (SS/SP 1003, 1005)	cum	122.16					
148	Irrigation Crossing (Cell Size 2.5 X 1.5 DOUBLE Cell): Providing and laying of granular material for soling on prepared surface all complete as per drawing, specification and instruction of Engineer. (SS/SP 1201)	cum	19.1					
149	Irrigation Crossing (Cell Size 2.5 X 1.5 DOUBLE Cell): Providing and laying of Plain Cement Concrete M15/40 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	21.82					
150	Irrigation Crossing (Cell Size 2.5 X 1.5 DOUBLE Cell): Providing and laying of Plain Cement Concrete M20/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	2.73					
151	Irrigation Crossing (Cell Size 2.5 X 1.5 DOUBLE Cell): Providing and laying of Reinforced Cement Concrete M25/20 in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	200.74					

	Procument Item Details							
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)		
152	Irrigation Crossing (Cell Size 2.5 X 1.5 DOUBLE Cell): Providing and fixing of HYSD reinforcement of various diameter, works including straigtening, cutting, bending and tying the bars with binding wire (binding wires shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar(1:1) cover blocks to keep the bars in intended position all completer as per drawing, technical Specification and as per instruction of Engineer. (SS/SP 2014)	Mt	15.76					
153	Irrigation Crossing (Cell Size 2.5 X 1.5 DOUBLE Cell): Providing and laying of plumConcrete (boulder mixed concrete) in Foundation including formwork complete as per Drawing and Technical Specifications and instruction of Engineer. 60% M15 and 40% boulder /stones, using mechanical aid. (SS/SP 2416, 3109, 1804)	cum	9.54					
154	Irrigation Crossing (Cell Size 2.5 X 1.5 DOUBLE Cell): Providing and laying Gabion Structure for retaining earth with diaphragm including rolling, cutting weaving, placing, laying sides and diaphragms with binding wire and filling boulders all complete as per Drawing, Technical Specifications and instruction of Engineer. (Mesh Wire- 10 Swg (0.0615 kg/m), Selvedge Wire 8 Swg (0.1057 kg/m), Binding Wire 12 Swg (0.0409 kg/m) Hexagonal mesh Type 100 mm X 120 mm. (SS/SP 2401, 2402)		9.72					
155	Irrigation Crossing (Cell Size 2.5 X 1.5 DOUBLE Cell): Tubular Steel Railing on Preast RCC posts with painting 1.2m High above ground Level: Providing, fencing and erecting 50mm dia painted steel pipe in railing in 3 rows on precast M20/20 grade RCC vertical posts 1.8m high (1.2m above GL) with 3 holes 50mm dia for pipe, fixed 2 meter center to center, complete as per Drawing and Technical Specifications and instruction of Engineers. (SS/SP 3105)	rm	26.0					

	Procument Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)	
156	Irrigation Crossing (Cell Size 2.5 X 1.5 DOUBLE Cell): Providing and Painting two coats after filling the surface with enamel paint in all shades on surfaces as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 1501)	sqm	2.0				
157	Irrigation Crossing (Cell Size 2.5 X 1.5 DOUBLE Cell): Providing and laying weep holes in Brick dry/Plain/ Reinforced concrete abutment, Wing wall/ Wing wall with 110 mm dia HDPE pipe, extending through the full width of the structure with slope of 1V:20H towards as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 3109)	rm	30.0				
158	Irrigation Crossing (Cell Size 2.5 X 1.5 DOUBLE Cell): Providing and installation of Drainage spout and Collection Pit including galvanized plate, drain pipe, M.S. flats all complete as per Drawing, Technical Specifications and instruction of engineer. (SS/SP 3107)	nos	4.0				
159	Bus Shelter: Earthwork in excavation in all type of soil for foundation of structures up to the required depth including dewatering, construction of shoring and bracing, removal of stumps and other deleterious matter, backfilling with approved materials and disposal of excess materials at proper place all complete as per Technical Specifications and instruction of Engineer. (SS/SP 907)	cum	19.32				
160	Bus Shelter: Providing and laying first class flat bricks soling as per Drawing and instruction of Engineer all complete (DUDBC Norms)	sqm	21.0				
161	Bus Shelter: Providing and laying of Plain Cement Concrete of M20/20 in structure all including formwork complete as per Drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2000)	cum	15.0				

	Procument Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)	
162	Bus Shelter: Providing, Fabricating, assembling and erecting structural steel components(MS Hollow Square Pipe) /elements by welding to anchorage including Primer & Painting and shop drawings, facilities for inspection & testing and trail assembling all complete as per Drawing & Specification and Instruction of Engineer. (SS/SP 2203)	kg	9074.76				
163	Bus Shelter: Providing and fixing Colour C.G.I. sheet fixed on roof in perfect line & level inculding the cost of 'J' hook (8mm), limpit washer, bitumen washer etc all complete as per Drawing, Specification and instruction of Engineer. (DUDBC Norms)	sqm	203.52				
164	Bus Shelter: Providing and fixing Colour Plain G.I sheet fixed on roof in perfect line & level inculding the cost of 'J' hook (8mm), limpit washer, bitumen washer etc all complete as per Drawing, Specification and instruction of Engineer. (DUDBC Norms)	sqm	223.8				
165	Waiting Shed: Earthwork in excavation in all type of soil for foundation of structures up to the required depth including dewatering, construction of shoring and bracing, removal of stumps and other deleterious matter, backfilling with approved Materials and disposal of excess materials at proper place all complete as per Technical Specifications and instruction of Engineer. (SS/SP 907)	cum	6.05				
166	Waiting Shed: Providing and Laying first class flat bricks soling as per Drawing and instruction of Engineer all complete (DUDBC norms)	sqm	35.47				
167	Waiting Shed: Providing and laying of Plain Cement Concrete of (M15/40) in structure including formwork all complete as per drawing and Technical Specification and instruction of Engineer. (SS/SP 1804 & 2007)	cum	3.88				

	Procument Item Details					
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
168	Waiting Shed: Providing and laying Brick Masonry Work in cement mortar in foundation / structure complete excluding pointing and plastering (in cement mortar 1:6-Machine Mix) as per Drawing and Technical Specifications. (SS/SP 2504)	cum	5.06			
169	Waiting Shed: Providing and laying screed in 1:4 cement sand on floor all complete as per Specification and instruction of Engineer. (DUDBC Norms)	sqm	23.38			
170	Waiting Shed: Providing and applying 12.5 mm thick plaster with cement mortar 1:6 on brick structure as per technical Specification and instruction of Engineer. (DUDBC Norms)	sqm	4.95			
171	Waiting Shed: Providing and applying 20 mm thick plaster with cement mortar 1:6 on brick structure as per Technical Specification. (DUDBC Norms)	sqm	2.48			
172	Waiting Shed: Providing, fabricating, assembling and erecting structural steel components (MS Hollow Square Pipe) of different sections / elements by welding to anchorage including primer & painting and shop drawings, facilities for inspection & testing and trail assembling all complete as per Drawing & Specification and instruction of Engineer. (DUDBC Norms)	kg	647.15			
173	Waiting Shed: Providing and fixing colour UPVC sheet fixed on roof in perfect line & level inculding the cost of 'J' hook (8mm), limpit washer, bitumen washer etc all complete as per Drawing, Specification and instruction of Engineer. (DUDBC Norms)	sqm	45.83			
174	Waiting Shed: Providing and fixing colour Plain UPVC sheet fixed on ridge of roof in perfect line & level inculding the cost of 'J' hook (8mm), limpit washer, bitumen washer etc all complete as per Drawing, Specification and instruction of Engineer. (DUDBC Norms)	sqm	14.58			

	Procument Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)	
175	Waiting Shed: Supply, fixing wooden plank bench of 400mm seat with 400 mm back rest plank on 50mm X 50mm MS square hollow pipe at 1500mm c/c for supporting bench, 3 rows for supporting back rest plank, and 6 nos. for raising bench 500 mm above GL including necessary nut bolts, welding, painting, furnishing all complete as per Drawing and instruction of Engineer. (SS/SP 2202, 2203, 2302 & 2303)	rm	37.5				
176	Waiting Shed: Providing and painting two coats after filling the surface plastic emulsion paint in all shades on concrete/plaster surfaces as per Drawing and Technical Specifications. (SS/SP 1501)	sqm	10.8				
177	Bio-Engineering: Clearing grass/ top soil and removal up to a distance of 50 meters outside the periphery of the area, including cutting and filling of small undulation all complete as per instruction of engineer. (SS/SP 201)	Sqm	1000.0				
178	Bio-Engineering: Planting rooted grass slips on the slopes including preparation of slips on site. a max of 5 cm depth with metal rod or Operation includes digging planting hole to hardwood peg, depending on the nature of the soil. The planting drills should be space. (SS/SP 2807)	Sqm	1000.0				
179	Bio-Engineering: Supply, Preparation and planting of live cuttings of selected species (eg assuro, namdi phul, simali, etc.) of minimum 1 m length to 0.5 m into soft debris. Pegs spaced at 5 cm centres within rows, with 5-20 cm between rows, and interwoven with vegetation. ((SS/SP 2807)	Rm	1000.0				
180	Bio-Engineering: Planting containerized tree and shrub seedlings, including pitting, transplanting, composting and placing tree guards, on toe of embankment slopes in plain areas, not less than 8 m from the road center line. Pit size 30 cm diameter x depth. Compost volume 1/4 of the volume of the pit, mixed with original soil. ((SS/SP 2807)	Nos	100.0				

	Procument Item Details					
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
181	Plantation: Planting containerized tree and shrub seedlings, including pitting, transplanting, composting and placing tree guards, in plain areas. Pit size 30 cm diameter x depth. Compost volume 1/4 of the volume of the pit, mixed with original soil all complete as per Specification & instruction of Engineer. (SS/SP 2812)	Nos	828.0			



#### Amendment Notice for Request for Bids for the Procurement of Works dated on 28th December 2023 for Upgradation of Sisuwa-Sishaghat Road, Pokhara

#### Amendment Notice Publication Date: January 3, 2024

This is to notify that we have issued herewith the Amendment on The Request for Bids for the Procurement of Works issued in PPMO dated on 28th December 2023 for Upgradation of Sisuwa-Sishaghat Road, Pokhara under Nepal Urban Governance and Infrastructure Project (NUGIP), RFB No: NP-DUDBC-396306-CW-RFB, Loan No. /Credit No.: IDA-6778-NP.

#### **RFB AMENDMENT MATRIX**

S.N.	Reference	Initial Version (RFB issued on 28 December 2023)	Amended RFB Content
1.	Notice of Request for Bids Works, SN-2, third paragraph.	Minimum average annual construction turnover of NRs. 520,000,000.00, calculated as average of total certified payments received for contracts in progress and/or completed in last 5 years.  A minimum number of 2 road construction / reconstruction / upgradation / rehabilitation / improvement with asphalt concrete pavement works contracts each of minimum value NRs. 350,000,000.00 that have been satisfactorily and substantially completed as a prime contractor, joint venture member, management contractor or Subcontractor between 1st December 2018 and bid submission deadline	Minimum average annual construction turnover of NRs. 520,000,000.00, calculated as average of total certified payments received for contracts in progress and/or completed in last 5 years.  A minimum number of one road construction with asphalt concrete pavement works contracts of minimum value NRs. 350,000,000.00 that have been satisfactorily and substantially completed as a prime contractor, joint venture member, management contractor or Subcontractor within 10 years from the bid submission deadline
2.	Section III: Evaluation and Qualification Criteria  2.4.2 Specific Construction Experience (b) Construction Experience in key activities; SN (i)	(i) A minimum number of two (2) similar contracts specified below that have been satisfactorily and substantially1 completed as a prime contractor, joint venture member, management contractor or Subcontractor between 1st December 2018 and bid submission deadline:  N = Two (2) road construction / reconstruction / upgradation / rehabilitation / improvement with asphalt concrete pavement works contracts, each of minimum value NRs. 350,000,000.00	The evaluation criteria 2.4.2 Specific Construction Experience (b) Construction Experience in key activities;  SN (i) All content has been deleted/omitted  And SN (ii) and (iii) with all content changed into SN (i) and (ii) respectively.

Chief Administrative Officer