Bill of Quantities (BOQ)

Upgrading Works Of Jalkeni Karkitar Sukute Agricultural Road, Ward no - 10

IFB No.: 801032701/CSGM/NCB/WORKS-01/083/084

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Carry out additional tests for material and works as required and instructed by the Project Manager.	PS	1.00	85,000.00 Eighty-five thousand rupees only.	85,000.00 Eighty-five thousand rupees only.
PS.2	Insurance of works, plants, materials, loss and damage to equipments, Contractor's workmen and employees and third party insurance against damage to other persons and property as per GCC clause13.	PS	1.00	1,35,000.00 One lakh thirty-five thousand rupees only.	1,35,000.00 One lakh thirty-five thousand rupees only.
PS.3	Providing and installation of project information board as per specification and instruction of engineer.	PS	1.00	5,000.00 Five thousand rupees only.	5,000.00 Five thousand rupees only.
	Total provisional sums				2,25,000.00 Two lakh twenty-five thousand rupees only.

Road construction works CPV: 45233120-6 - Road construction works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	Roadway excavation in all type of soil as per drawing and technical specification, including removal of stumps and other deletrious matter, with all lifts and lead as per drawing and instruction of the engineer.(By Mechanical means)	cum	2,552.05			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.2	" Stone soling work including tightly packing of stones in design line and level on prepared subgrade and filling of voids with spalls including full compensation for labor, materials and other incidental required to complete works. "	cum	668.01			
1.3	"P.C.C.(1:3:6) work : (It includes all labour and material required for mixing, placing in position, vibrating, compacting, finishing, curing and all other incidentals required to produce concrete (20mm down graded aggregates) of specified strength as per specifications & drawings. The rate includes the work of making, fixing and removing of all centres and forms required for work.)"	cum	13.33			
1.4	"P.C.C.(1:2:4) work : (It includes all labour and material required for mixing, placing in position, vibrating, compacting, finishing, curing and all other incidentals required to produce concrete (20mm down graded aggregates) of specified strength as per specifications & drawings. The rate includes the work of making, fixing and removing of all centres and forms required for work.)"	cum	109.69			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.5	"P.C.C.(1:1.5:3) work for RCC : (It includes all labour and material required for mixing, placing in position, vibrating, compacting, finishing, curing and all other incidentals required to produce concrete (20mm down graded aggregates) of specified strength as per specifications & drawings. The rate includes the work of making, fixing and removing of all centres and forms required for work.)"	cum	419.33			
1.6	"Reinforcement for RCC work . Torsteel bars of approved brands (415 - 500) Mpa Reinforcement steel t includes procuring steel, bending, placing, bindingand fixing in position as shown on the drawings and as directed by the engineer. It also includes al devices for keeping reinforcement in approved position and jointing as per approved method with due allowances for wastage, overlaps, spacer bars and annealed steel wire for binding :"	kg	14,289.199998			
1.7	6 mm thick plywood for Expansion joint (It includes all labour and material required as per specifications & drawings.) :	sqm	71.02			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.8	"Uncoursed stone rubble masonry works in 1:6 C/S ratio including full compensation for all labour, materials	cum	205.06			

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	and other incidentals required to complete the work as per the specifications and drawings. It includes full compensation for using specially dressed stones on the face of wall with batter and provisions for weep hole (90mm dia hdpe pipe PN-6,1.2m C/C) as necessary as mentioned in specification and directed by the Engineer :"					
1.9	"Plum Concrete: Providing and laying Plum Concrete (60% M15 concrete and 40% boulders/stones) by mechanical means for side drains (1180m) and retaining structures, including mixing, placing, compacting and curing complete as per Drawings, Technical Specifications and the instructions of the Engineer."	cum	416.92			
1.10	Compacting original ground supporting sub-grade: Loosening of the ground up to a level of 500mm below the subgrade level, watered,graded and compaction in layers as per drawing & technical specification.	sqm	2,997.00			
1.11	"Sub-Base (Crusher Run): Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing , watering and compacting to form a layer of sub-base course as per Drawing and Technical specification (By Mix in place method) as per DOR-SSRBW section 1204 and S.N 12.7"	cum	599.40			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.12	Providing and laying reinforced cement concrete NP-3 flush jointed pipe for culverts including fixing with cement mortar 1:2 as per drawing and technical specification.450 mm (internal) diameter.	Rm	5.00			
1.13	Landslide clearance in soil : clearance of landslide in soil & ordinary rock by machine and disposal of the suitable side.	cum	1,615.00			
1.14	Loading & unloading of excavated earth etc. Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip (By mechanical means)-Up to 1 km.	cum	2,065.90			
1.15	Providing mechanically woven double twisted crates of mesh wire-3mm, selvedge wire-3.9mm, lacing-2.4mm heavy coated hexagonal mesh type 100mm*120mm including rolling, cutting, weaving, placing, laying sides and diaphragms with binding wire, tying down the lid, and filling stone/boulders all complete as per drawing & technical specification.	cum	633.50			
1.16	Providing suitable material and back filling behind abutment, wing wall and return wall complete as per drawing & technical specification without watering & compaction by tamping rod.	cum	223.50			
1.17	Providing & laying of dry stone masonry work as per drawing & technical specification.	cum	13.50			
1.18	Providing and laying reinforced cement concrete NP-3 flush jointed pipe for culverts including fixing with cement mortar 1:2 as per drawing and technical specification.600 mm (internal) diameter.	Rm	17.50			

Total Item Price	
VAT (13.00%)	
Grand Total	