

स्थायी लेखा नं. २०१२९११४०
कार्यालय कोड नं. ८०१०५५७०३



खजुरा गाउँपालिका
KHAJURA RURAL MUNICIPALITY
गाउँ कार्यपालिकाको कार्यालय
OFFICE OF RURAL MUNICIPAL
EXECUTIVE

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आह्वान गरिएका बोलपत्र सम्बन्धी सार्वजनिक सूचना
प्रकाशित मिति २०८३।०६।०८

प्रस्तुत विषयमा यस कार्यालयबाट मिति २०८३/०५/३१ गते IFB No: 04-083/84 मार्फत प्रकाशित तपसिल बमोजिमका बोलपत्रहरूको Bill of Quantities (For reference only) यस कार्यालयको वेबसाईट www.khajuramun.gov.np मा राखिएको व्यहोरा सम्बन्धित सबैको जानकारीको लागि यो सूचना प्रकाशित गरिएको छ ।

तपसिल:

S. N.	Name of Works	Contract ID
01	Ward no.4 E Gaun Ne.Ra Manakamana Adharbhut Ni.Ma.Bi. Dekhi Purba F Gaun Jane Bato Kalopatre	KRM/NCB/WORKS/01(HC)/2083-84
02	Dharmabhakta Toll Jane Bato Star unnati	KRM/NCB/WORKS/02(HC)/2083-84
03	Simalghari Oli Chowk Dekhi Puraina Samma Bato Estar Unnati oda number 6	KRM/NCB/WORKS/03(HC)/2083-84
04	Ward No 3 Bi Gaun Prasasanik Vawan dekhi Ward no 5 bhaanu maa.vi samma madeshko bastiko lagi pahuch maarga nirmaan kaarya	KRM/NCB/WORKS/04(HC)/2083-84
05	Gopal Singh Aale Ko Ghar Dekhi Laal Bahadur Rajaaliko Ghar Samma Ko Bato Stharunati	KRM/NCB/WORKS/05(HC)/2083-84
06	NIC Asia Bank Dekhi Manakamana Jaane Sadak Stharunnati Kaarya	KRM/NCB/WORKS/06(HC)/2083-84

दिल बहादुर पौडेल
प्रमुख प्रशासकिय अधिकृत
दिल बहादुर पौडेल
प्रमुख प्रशासकिय अधिकृत

"हामी आफैं बनाउँ हाम्रो खजुरा, आत्मनिर्भर र समृद्ध खजुरा"

Bill of Quantities

1 Provisional Sum

Procurement Item Details					
SL. No	Item Description	Unit	Quantity	Unit Rate(NPR)	Amount(NPR)
1	Carry out additional tests for material and works as required and instructed by the Engineer.	PS	1.0	45000.0	45,000.00
2	Insurance of works, equipment, Contractor's workmen and employees and Third party Insurance against damage to other persons and property.	PS	1.0	30000.0	30,000.00

2 Construction work

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1	Provide and installation of project information board of size 1.2 m*0.9 m along with iron post including excavation, concrete, backfilling etc all complete as per dor standard specification for road and bridge works.	Job	1.0			
2	Loosening, levelling, and compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing and Technical Specification (compacting orginal ground supporting embankment)	Cum	182.58			
3	Construction of embankments, gravel shoulders and other miscellaneous filling and backfilling with approved materials including transportation of the material.	Cum	37.59			
4	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing, watering and compacting to form a layer of base course as per Drawing and technical Specifications.	Cum	182.58			
5	Providing and Supplying Prime coat with hot bitumen (including Cutter) of grade VG 30 on the prepared surface of granular base including cleaning of road surface and spraying at specified rate by mechanical means as per the Technical Specification.	Ltr	1611.0			
6	Providing and Supplying Tack coat with hot paving grade VG 30 bitumen by mechanical means at specified rate on the prepared surface including cleaning as per the Technical Specification.	ltr	1107.56			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
7	Providing and laying Asphalt concrete using crushed aggregates of specified grading (Grading II), premixed with bituminous binder and filler as per Drawing and Technical Specifications (SS Clause 1309).	Cum	80.55			
8	Providing and laying of hot applied thermoplastic compound at least 2mm thick including reflectorizing glass beads as per DOR Traffic sign manual/ Specifications. The finished surface to be level, uniform and free from streaks and holes. Unit = sqm (For 400 sqm)	Sqm	53.7			
Total of Procurement Items						
Total Item Price						
VAT						
Grand Total						

KRM/NCB/WORKS/01(HC)/2083-84
For reference only

Bill of Materials

1 Provisional Sum

Procurement Item Details					
SL. No	Item Description	Unit	Quantity	Unit Rate(NPR)	Amount(NPR)
1	Carry out additional tests for material and works as required and instructed by the Engineer.	PS	1.0	50000.0	50,000.00
2	Insurance of works, equipment, Contractor's workmen and employees and Third party Insurance against damage to other persons and property.	PS	1.0	30000.0	30,000.00
3	Provision of Safety clothing and equipment, first aid/medical facilities and other safety including owner staff with traffic diversion management during construction as per instruction of site engineer	PS	1.0	8000.0	8,000.00

2 Construction work

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1	Provide and installation of project information board of size 1.2 m*0.9 m along with iron post including excavation, concrete, backfilling etc all complete as per standard specification for road and bridge works.	Job	1.0			
2	Loosening, levelling, and compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing and Technical Specification (compacting original ground supporting embankment)	Cum	100.49			
3	Providing and laying granular sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density by mechanical means, complete as per Drawing and Technical Specifications.	Cum	160.05			
4	Construction of embankments, gravel shoulders and other miscellaneous filling and backfilling with approved materials including transportation of the material.	Cum	11.17			
5	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing, watering and compacting to form a layer of base course as per Drawing and technical Specifications.	Cum	111.66			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
6	Providing and Supplying Prime coat with hot bitumen (including Cutter) of grade VG 30 on the prepared surface of granular base including cleaning of road surface and spraying at specified rate by mechanical means as per the Technical Specification.	Ltr	558.3			
7	Providing and Supplying Tack coat with hot paving grade VG 30 bitumen by mechanical means at specified rate on the prepared surface including cleaning as per the Technical Specification.	ltr	383.83			
8	Providing and laying Asphalt concrete using crushed aggregates of specified grading (Grading II), premixed with bituminous binder and filler as per Drawing and Technical Specifications (SS Clause 1309).	Cum	27.92			
9	Providing and laying of hot applied thermoplastic compound at least 2mm thick including reflectorizing glass beads as per DOR Traffic sign manual/ Specifications. The finished surface to be level, uniform and free from streaks and holes. Unit = sqm (For 400 sqm)	Sqm	37.22			
10	Providing and Laying RCC 600mm dia NP3 Flush jointed pipe for culvert including fixing with cement mortar 1:2 as per drawing and technical specifications	Rm	5.0			
11	Roadway excavation in all types of soil as per Drawing and Technical Specification including removal of stumps and other deleterious matter, all lift and leads as per Drawing and Instruction of the Engineer.	Cum	1.8			
12	Providing and laying of hand pack Stone soling packing with smaller stone on prepared surface as per Drawing and Technical Specifications.	Cum	0.36			
13	Providing and laying of PCC (Grade M 10) in foundation complete as per Drawing and Technical Specifications	Cum	0.24			
Total of Procurement Items						
Total Item Price						
VAT						
Grand Total						

KRM/NCB/WORKS/02(HC)/2083-84
For reference only

Bill of Quantities

1 Provisional Sum

Procurement Item Details					
SL. No	Item Description	Unit	Quantity	Unit Rate(NPR)	Amount(NPR)
1	Insurance for the loss or damage to works, plant, material, equipment, property, Contractor's employees and labour, Employer's staff, personnel injury or death and third party property and persons during the construction period and upto the end of defects liability period as per the condition of contract.	PS	1.0	75000.0	75,000.00
2	Provide, operate and maintain Quality control laboratory including Quality Control engineer, equipment, accessories and consumables for both field testing facilities and off-site test with manpower along with Transportation facility for employer as per specification and instruction of engineer	PS	1.0	80000.0	80,000.00

2 Construction work

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1	Providing and installation of Project Information Board as per specification and instruction of engineer.	Job	1.0			
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including scaffolding wherever necessary, sorting the dismantled Material, disposal of unserviceable Material and stacking the serviceable Material with all lifts and lead of 1000 meters.	Cum	16.32			
3	Roadway excavation in all types of soil as per Drawing and Technical Specification including removal of stumps and other deleterious matter, all lift and leads as per Drawing and Instruction of the Engineer.	Cu.m	587.63			
4	Providing and Laying Gabion Structures for retaining earth with diaphragms including rolling, cutting, weaving, placing, laying sides and diaphragms with binding wire and filling stone / boulders including dressing, bedding, bonding and all transportation all complete as per Drawing and Technical Specification. Hexagonal mesh type 100mmx120mm using hexagonal Mesh wire -10 SWG (0.0615 kg/m) & selvedge wire -8 SWG(0.1057kg/m) and Binding wire 12 SWG(0.0409kg/m) Box of different sizes as per requirements. (Size 2x1x1)	Cu.m	272.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
5	Providing and Laying Gabion Structures for retaining earth with diaphragms including rolling, cutting, weaving, placing, laying sides and diaphragms with binding wire and filling stone / boulders including dressing, bedding, bonding and all transportation all complete as per Drawing and Technical Specification. Hexagonal mesh type 100mmx120mm using hexagonal Mesh wire -10 SWG (0.0615 kg/m) & selvedge wire -8 SWG(0.1057kg/m) and Binding wire 12 SWG(0.0409kg/m) Box of different sizes as per requirements. (Size 3x1x1)	Cu.m	24.0			
6	Providing and laying of a geotextile filter between pitching and embankment slopes as per Drawing and Technical Specifications.	Sq.m	228.0			
7	Providing and laying of hand pack Stone soling with stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications.	Cu.m	48.05			
8	Providing and laying of PCC (Grade M 10) in foundation including Formwork complete as per Drawing and Technical Specifications	Cu.m	1.95			
9	Providing and laying of RCC (Grade M 20) in foundation complete as per Drawing and Technical Specifications Including Formworks All Complete Work	Cu.m	56.13			
10	Supplying , cutting,bending, placing in position and binding of high tensile reinforcement steel bar all work complete as per the specification and as shown in drawing instruction by site engineer.	kg	3049.16			
11	Providing and Laying RCC 600mm dia NP3 Flush jointed pipe for culvert including fixing with cement mortar 1: 2 as per drawing and technical specifications	Rm	15.0			
12	Providing and laying Plum Concrete mixing of 60% M15 concrete and 40% boulder/stones (Boulder mixed concrete) including pipes for weep holes, Formwork etc all complete	Cum	19.24			
13	Providing, laying, spreading, watering and compacting embankment with imported fill material in layers not exceeding 150mm including haulage as per drawing and Technical Specifications. (Mechanical Means)	Cum	428.0			

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
14	Loosening, levelling, and compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing and Technical Specification (compacting original ground supporting embankment)	Cu.m	594.0			
15	Providing and laying granular sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density by mechanical means, complete as per Drawing and Technical Specifications.	Cu.m	552.75			
16	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing, watering and compacting to form a layer of base course as per Drawing and technical Specifications.	Cu.m	622.5			
17	Providing and Supplying Prime coat with hot bitumen (including Cutter) of grade VG 30 on the prepared surface of granular base including cleaning of road surface and spraying at specified rate by mechanical means as per the Technical Specification.	ltr	2988.0			
18	Providing and Supplying Tack coat with hot paving grade VG 30 bitumen by mechanical means at specified rate on the prepared surface including cleaning as per the Technical Specification.	ltr	2054.25			
19	Providing and laying Asphalt concrete using crushed aggregates of specified grading (Grading II), premixed with bituminous binder and filler as per Drawing and Technical Specifications (SS Clause 1309).	Cu.m	149.4			
20	Providing and laying of hot applied thermoplastic compound at least 2mm thick including reflectorizing glass beads as per DOR Traffic sign manual/ Specifications	Sq.m	166.0			
21	Providing and laying granular sub-base (for shoulder work) on prepared surface complete as per Drawing and Technical Specifications.	Cu.m	132.0			
22	Providing and installation of 150mm*150mm, 1.5m long delineators (roadway indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 20cm wide strips, buried or pressed into the ground by means of properly designed foundation with cement concrete and conforming to the drawings and Technical Specifications	No	24.0			

Total of Procurement Items	
Total Item Price	
VAT	
Grand Total	

KRM/NCB/WORKS/03(HC)/2083-84
For reference only

KRM/NCB/WORKS/04(HC)/2083-84
For reference only

Bill of Quantities

1 Provisional Sum

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Unit Rate(NPR)	Amount(NPR)
1	Carry out additional tests for material and works as required and instructed by the Engineer.	PS	1.0	55000.0	55,000.00
2	Insurance of works, equipment, Contractor's workmen and employees and Third party Insurance against damage to other persons and property.	PS	1.0	80000.0	80,000.00
3	Provision Of Safety Clothing & equipment ,First Aid/Medical Facilities And other safety including owner staff with traffic diversion management during construction As per instruction of site engineer	PS	1.0	8000.0	8,000.00

2 Construction work

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1	Provide and installation of project information board of size 1.2 m*0.9 m along with iron post including excavation, concrete, backfilling etc all complete as per dor standard specification for road and bridge works.	Job	1.0			
2	Provide separate temporary toilet facilities for male and female site workers	Job	2.0			
3	Provide Roadside signs example information, regulatory and warning sign according to need of the projects	Job	2.0			
4	Providing And Fixing Precast Rec Garden Benches With Hand Rest As Per Directed By Engineers	Job	2.0			
5	Loosening, levelling, and compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing and Technical Specification (compacting original ground supporting embankment)	Cum	529.24			
6	Roadway excavation in all types of soil as per drawing and technical specification,including removal of stumps and other deleterious matter, with all lifts and lead as per Drawing and instruction of the Engineer by mechanical means	Cum	138.53			
7	Providing, laying, spreading, watering and compacting embankment with borrow material in layers not exceeding 150mm including haulage as per drawing and Technical Specifications. (Mechanical Means)	Cum	2179.44			

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
8	Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications.	Cum	16.65		KRM/NCB/WORKS/04(HC)/2083-84 For reference only	
9	Providing and laying of PCC (Grade M 10) in foundation complete as per Drawing and Technical Specifications	Cum	13.25			
10	Providing, Preparing and Installing form work including necessary supports and removing after completion for Foundation and footings. (Class F1 Finish).	Sqm	26.4			
11	Providing and laying of RCC (Grade M 20) in sub-structure complete Including Formwork as per Drawing and Technical Specifications	Cum	25.45			
12	Providing and laying, fitting and placing HYSD bar reinforcement in sub-structure complete as per Drawing and Technical Specifications	kg	1438.4			
13	Supplying, Laying, Cutting, Fitting PVC Pipes 110 mm Dia (Medium pressure head)	M	25.0			
14	Providing and laying Plum Concrete mixing of 60% M15 concrete and 40% boulder/stones (Boulder mixed concrete) including pipes for weep holes etc all complete Including Formwork as per Drawing and Technical Specifications. (Mechanical Means)	Cum	106.95			
15	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 by mechanical means	Cum	672.1			
16	Construction of embankments, gravel shoulders and other miscellaneous filling and backfilling with approved materials including transportation of the material.	Cum	232.65			
17	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing, watering and compacting to form a layer of base course as per Drawing and technical Specifications.	Cum	579.59			
18	Providing and Supplying Prime coat with hot bitumen (including Cutter) of grade VG 30 on the prepared surface of granular base including cleaning of road surface and spraying at specified rate by mechanical means as per the Technical Specification.	Ltr	3434.6			
19	Providing and Supplying Tack coat with hot paving grade VG 30 bitumen by mechanical means at specified rate on the prepared surface including cleaning as per the Technical Specification.	ltr	2361.29			

Procurement Item Details

SL No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
20	Providing and laying Asphalt concrete using crushed aggregates of specified grading (Grading II), premixed with bituminous binder and filler as per Drawing and Technical Specifications (SS Clause 1309).	Cum	156.38			
21	Providing and laying of hot applied thermoplastic compound at least 2mm thick including reflectorizing glass beads as per DOR Traffic sign manual/ Specifications. The finished surface to be level, uniform and free from streaks and holes. Unit = sqm (For 400 sqm)	Sqm	155.1			
22	Dismantling of Flexible Pavements, Dismantling of flexible pavements and disposal of dismantled Material up to a lead of 1000 metres, stacking serviceable and unserviceable Material separately, By Mechanical Means, Bituminous course	Cum	15.08			
23	Providing and Laying RCC 900mm dia NP3 Flush jointed pipe for culvert including fixing with cement mortar 1:2 as per drawing and technical specifications	Rm	2.5			
24	Providing and Laying Gabion Structures for retaining earth with diaphragms including rolling, cutting, weaving, placing, laying sides and diaphragms with binding wire and filling stone / boulders including dressing, bedding, bonding and all transportation all complete as per Drawing and Technical Specification. Hexagonal mesh type 100mmx120mm using hexagonal Mesh wire -10 SWG (0.0615 kg/m) & selvedge wire -8 SWG (0.1057kg/m) and Binding wire 12 SWG (0.0409kg/m) Box of different sizes as per requirements. (Size 3x1x1)	Cum	69.0			
25	Providing and Laying Gabion Structures for retaining earth with diaphragms including rolling, cutting, weaving, placing, laying sides and diaphragms with binding wire and filling stone / boulders including dressing, bedding, bonding and all transportation all complete as per Drawing and Technical Specification. Hexagonal mesh type 100mmx120mm using hexagonal Mesh wire -10 SWG (0.0615 kg/m) & selvedge wire -8 SWG (0.1057kg/m) and Binding wire 12 SWG (0.0409kg/m) Box of different sizes as per requirements. (Size 3x1x0.5)	Cum	75.0			
26	Providing and laying of a geotextile filter between pitching and embankment slopes as per Drawing and Technical Specifications.	Sqm	109.5			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
27	Cutting of Trees, including cutting of Trunks, Branches and Removal Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable Material with all lifts and up to a lead of 1000 meters and earth filling in the depression/pit. Unit = Number (for 30 number)	Nos	20.0			
Total of Procurement Items						
Total Item Price						
VAT						
Grand Total						

KRM/NCB/WORKS/04(HC)/2083-84
For reference only

Bill of Quantities

1 Provisional Sum

Procurement Item Details					
SL. No	Item Description	Unit	Quantity	Unit Rate(NPR)	Amount(NPR)
1	Carry out additional tests for material and works as required and instructed by the Engineer.	PS	1.0	65000.0	65,000.00
2	Insurance of works, equipment, Contractor's workmen and employees and Third party Insurance against damage to other persons and property.	PS	1.0	60000.0	60,000.00
3	Provision Of Safety Clothing & equipment ,First Aid/Medical Facilities And other safety including owner staff with traffic diversion management during construction As per instruction of site engineer	PS	1.0	6000.0	6,000.00

2 Construction work

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1	Provide and installation of project information board along with iron post including excavation, concrete, backfilling etc all complete as per standard specification for road and bridge works.	Job	1.0			
2	Provide separate temporary toilet facilities for male and female site workers	Job	2.0			
3	Provide Roadside signs example information, regulatory and warning sign according to need of the projects	Job	2.0			
4	Providing And Fixing Precast Rcc Garden Benches With Hand Rest As Per Directed By Engineers	Job	1.0			
5	Loosening, levelling, and compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing and Technical Specification (compacting original ground supporting embankment)	Cum	185.03			
6	Providing, laying, spreading, watering and compacting embankment with borrow material in layers not exceeding 150mm including haulage as per drawing and Technical Specifications. (Mechanical Means)	Cum	18.0			
7	Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications.	Cum	21.0			

Procurement Item Details						
SL No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
8	Providing and laying of RCC (Grade M 20) in sub-structure complete Including Formwork as per Drawing and Technical Specifications	Cum	25.44			
9	Providing and laying, fitting and placing HYSD bar reinforcement in sub-structure complete as per Drawing and Technical Specifications	kg	1362.3			
10	Construction of embankments, gravel shoulders and other miscellaneous filling and backfilling with approved materials including transportation of the material.	Cum	18.42			
11	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing, watering and compacting to form a layer of base course as per Drawing and technical Specifications.	Cum	95.7			
12	Providing and Supplying Prime coat with hot bitumen (including Cutter) of grade VG 30 on the prepared surface of granular base including cleaning of road surface and spraying at specified rate by mechanical means as per the Technical Specification.	Ltr	695.98			
13	Providing and Supplying Tack coat with hot paving grade VG 30 bitumen by mechanical means at specified rate on the prepared surface including cleaning as per the Technical Specification.	ltr	478.49			
14	Providing and laying Asphalt concrete using crushed aggregates of specified grading (Grading II), premixed with bituminous binder and filler as per Drawing and Technical Specifications (SS Clause 1309).	Cum	32.75			
15	Providing and laying of hot applied thermoplastic compound at least 2mm thick including reflectorizing glass beads as per DOR Traffic sign manual/ Specifications. The finished surface to be level, uniform and free from streaks and holes. Unit = sqm (For 400 sqm)	Sqm	40.94			
16	Providing and Laying RCC 600mm dia NP3 Flush jointed pipe for culvert including fixing with cement mortar 1:2 as per drawing and technical specifications	Rm	7.5			
Total of Procurement Items						
Total Item Price						
VAT						
Grand Total						

Bill of Quantities

1 Provisional Sum

Procurement Item Details					
SL. No	Item Description	Unit	Quantity	Unit Rate(NPR)	Amount(NPR)
1	Carry out additional tests for material and works as required and instructed by the Engineer.	PS	1.0	40000.0	40,000.00
2	Insurance of works, equipment, Contractor's workmen and employees and Third party Insurance against damage to other persons and property.	PS	1.0	50000.0	50,000.00
3	Provision Of Safety Clothing & equipment ,First Aid/Medical Facilities And other safety including owner staff with traffic diversion management during construction As per instruction of site engineer	PS	1.0	5000.0	5,000.00

2 Construction work

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1	Provide and installation of project information board of size 1.2 m*0.9 m along with iron post including excavation, concrete, backfilling etc all complete as per dor standard specification for road and bridge works.	Job	1.0			
2	Provide separate temporary toilet facilities for male and female site workers	Job	2.0			
3	Provide Roadside signs example information, regulatory and warning sign according to need of the projects	Job	2.0			
4	Providing And Fixing Precast Rcc Garden Benches With Hand Rest As Per Directed By Engineers	Job	2.0			
5	Loosening, levelling, and compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing and Technical Specification (compacting orginal ground supporting embankment)	Cum	213.68			
6	Roadway excavation in all types of soil as per drawing and technical specification,including removal of stumps and other deleterious matter, with all lifts and lead as per Drawing and instruction of the Engineer by mechanical means	Cum	43.08			
7	Providing, laying, spreading, watering and compacting embankment with borrow material in layers not exceeding 150mm including haulage as per drawing and Technical Specifications. (Mechanical Means)	Cum	385.21			

Procurement Item Details						
SL No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
8	Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications.	Cum	17.41			
9	Providing and laying of PCC (Grade M 10) in foundation complete as per Drawing and Technical Specifications	Cum	3.13			
10	Providing, Preparing and Installing form work including necessary supports and removing after completion for Foundation and footings. (Class F1 Finish).	Sqm	4.6			
11	Providing and laying of RCC (Grade M 20) in sub-structure complete Including Formwork as per Drawing and Technical Specifications	Cum	31.12			
12	Providing and laying, fitting and placing HYSD bar reinforcement in sub-structure complete as per Drawing and Technical Specifications	kg	2063.8			
13	Supplying ,Laying ,Cutting ,Fitting PVC Pipes 110 mm Dia (Medium pressure head)	M	25.0			
14	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 by mechanical means	Cum	5.5			
15	Construction of embankments, gravel shoulders and other miscellaneous filling and backfilling with approved materials including transportation of the material.	Cum	28.92			
16	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing, watering and compacting to form a layer of base course as per Drawing and technical Specifications.	Cum	92.18			
17	Providing and Supplying Prime coat with hot bitumen (including Cutter) of grade VG 30 on the prepared surface of granular base including cleaning of road surface and spraying at specified rate by mechanical means as per the Technical Specification.	Ltr	819.4			
18	Providing and Supplying Tack coat with hot paving grade VG 30 bitumen by mechanical means at specified rate on the prepared surface including cleaning as per the Technical Specification.	ltr	563.34			
19	Providing and laying Asphalt concrete using crushed aggregates of specified grading (Grading II), premixed with bituminous binder and filler as per Drawing and Technical Specifications (SS Clause 1309).	Cum	38.56			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
20	Providing and laying of hot applied thermoplastic compound at least 2mm thick including reflectorizing glass beads as per DOR Traffic sign manual/ Specifications. The finished surface to be level, uniform and free from streaks and holes. Unit = sqm (For 400 sqm)	Sqm	24.1			
21	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including scaffolding wherever necessary, sorting the dismantled Material, disposal of unserviceable Material and stacking the serviceable Material with all lifts and lead of 1000 meters, Dismantling Stone /BrickMasonry	Cum	1.47			
22	Providing and Laying RCC 900mm dia NP3 Flush jointed pipe for culvert including fixing with cement mortar 1:2 as per drawing and technical specifications	Rm	2.5			
23	Providing and Laying Gabion Structures for retaining earth with diaphragms including rolling, cutting, weaving, placing, laying sides and diaphragms with binding wire and filling stone / boulders including dressing, bedding, bonding and all transportation all complete as per Drawing and Technical Specification. Hexagonal mesh type 100mmx120mm using hexagonal Mesh wire -10 SWG (0.0615 kg/m) & selvedge wire -8 SWG(0.1057kg/m) and Binding wire 12 SWG(0.0409kg/m) Box of different sizes as per requirements. (Size 3x1x1)	Cum	33.0			
24	Providing and laying of a geotextile filter between pitching and embankment slopes as per Drawing and Technical Specifications.	Sqm	33.0			
25	Cutting of Trees, including cutting of Trunks, Branches and Removal Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable Material with all lifts and up to a lead of 1000 meters and earth filling in the depression/pit. Unit = Number (for 30 number)	Nos	2.0			
26	Dismantling, relocating within the haul distance and again fixing, laying and filling stone within the gabion box works all complete as instructed by site engineer	Job	1.0			

Total of Procurement Items	
Total Item Price	
VAT	
Grand Total	

KRM/NCB/WORKS/06(HC)/2083-84
For reference only