



NAYA RAIPUR DEVELOPMENT AUTHORITY

**Tender Document for the
Landscape & Plantation work at Composite Building, Raipur
(CG).**

(Following Three-Envelope Tender Procedure)

**Schedule – A
Price Tender
To be submitted in ENVELOPE-3**

NIT No.: 69/Comp-L&P/EEC-III/ CE (E) / NRDA /2016-17 Naya Raipur

Dated:29.04.2016

Issued by: Chief Executive Officer,
Naya Raipur Development Authority (NRDA)
Utility block, Capitol Complex, Sector- 19,
Naya Raipur- 492 002, Chhattisgarh
Tel No: + 91 771 2511500; Fax No.: +91 771 2511400.
Website: www.nayarapur.gov.in

Tender Document Contains

- (a) Only schedule "A" and Section-I of schedule "D" are to be filled & signed by the tenderer
 (b) All the certificates as per pre qualification criteria shall be appended with relevant forms of schedule "D"

1. PART ONE (NRDA F-1)-(Attached herewith, to be submit along the tender)

Part (A)

- a) Press Notice
 b) Detailed NIT

Part (B)

a) Schedule-A

- (i) Cost Abstract
 (ii) Bill of Quantities

- b) Schedule-B –NIL
 c) Schedule-C –NIL
 d) Schedule-D

Section-I..... Technical tender forms

- (i) Letter of Technical Tender
 (ii) Tenderer's Information Sheet
 (iii) Annual Turnover
 (iv) Specific Construction Experience
 (v) Declaration
 (vi) Check list for Technical tender evaluation

Section –IIScope of work

Section –III..... Technical specifications of work

Section –IV..... Special Conditions of Contract

Section –V..... List of approved makes

Section –VI..... Drawings

- e) Schedule-E
 f) Schedule-F

2. PART TWO (NRDA F-2/3)-Standard form (Not Attached herewith, and not to be submitted along the tender)

Important note: - Link site <http://nayaraipur.com/documents/gcc.pdf>

1. General Guidelines
2. Tender
3. General rules and directions
4. Conditions of contract
5. Clauses of contract
6. Model rules relating to labour, water supply and sanitation in labour camps safety code
7. Contract forms
 - (a) Draft Format for Performance Security
 - (b) Earnest Money Deposit Form (Bank Guarantee)
 - (c) Format of Contract Agreement
 - (d) Draft Format for Performance Guarantee for Water Proofing and Anti-termite Works
 - (e) Indemnity Bond
 - (f) Indenture Bond
 - (g) Notice for Appointment of Arbitrator
8. Proforma of schedules (Schedule 'A' to Schedule 'F')

Naya Raipur Development Authority (NRDA) Raipur, Chhattisgarh

Document details

Name of work:

Landscape & Plantation work at Composite Building, Raipur (CG).

Details

- a) Cost of Tender Document : Rs 5000/-
- b) EMD : Rs 0.80 Lakhs

Signature of Tenderer

Date: _____

Signature of Contractor.....

Signature of NRDA.....






COST ABSTRACT FOR LANDSCAPE & PLANTATION WORK FOR COMPOSITE BUILDING AT SECTOR 19 OF NAYA RAIPUR			
Sl. No.	Description of Items	Amount in INR in Figures	Amount in INR in Words
A	LANDSCAPE & PLANTATION WORK FOR COMPOSITE BUILDING AT SECTOR 19 OF NAYA RAIPUR		

LANDSCAPE & PLANTATION WORK FOR COMPOSITE BUILDING AT SECTOR 19 OF NAYA RAIPUR

S.No.	Description of Item	Unit	Quantity	Unit Rate in INR	Amount in INR in Words	Amount (INR)
1	Trenching in ordinary soil upto a depth of 60cm including removal and stacking of serviceable materials and then disposing of by spreading and neatly levelling with in a lead of 50m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge or/and manure before and after flooding trench with water (excluding cost of imported earth, sludge or manure).	cum	558.90			-
2	Supplying and stacking at site well decayed cow dung manure from approved source, including loading, unloading and carriage (manure measured in stacks will be reduced by 8% for payment) :	cum	500.00			-
3	Rough dressing the trenched ground including breaking clods.	sqm	3726.00			-
4	Fine dressing the ground	sqm	3726.00			-
5	Spreading of sludge, dump manure or/and good earth in required thickness (Cost of sludge, dump manure or/ and good earth to be paid separately).	cum	1294.67			-
6	Mixing earth and sludge or manure in proportion specified or directed.	cum	1294.67			-
7	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand:					
	Carpet grass (well developed)	sqm	1100.00			-
8	Maintenance of Lawns i/c turfing (Maintenance of lawns or Turfing of slopes (rough grassing) for a period of one year including watering etc.)	sqm	1278.80			-

S.No.	Description of Item	Unit	Quantity	Unit Rate in INR	Amount in INR in Words	Amount (INR)
9	Uprooting rank vegetation and weeds by digging the area to a depth of 60cm removing all weeds and other growth with roots by forking repeatedly, breaking clods, rough dressing, flooding with water, uprooting fresh growths after 10 to 15 days and then fine dressing for planting new grass, including disposal of all rubbish with all leads and	sqm	3726.00			-
10	Preparation of beds for hedging and shrubbery by excavating up to 60cm deep and trenching the excavated base to a further depth of 30cm, refilling the excavated earth after breaking clods and mixing with sludge or manure in the ratio of 8:1 (8 parts of stacked volume of earth after reduction by 20% : one part of stacked volume of sludge or manure after reduction by 8%), flooding with water, filling with earth if necessary, watering and finally fine dressing, levelling etc. including stacking and disposal of materials declared unserviceable and surplus earth by spreading and levelling as directed, within a lead of 50m lift upto 1.5 m complete (cost of sludge, manure or extra earth to be paid for separately).	cum	450.00			-
11	Filling mixture of earth and sludge or manure in the desired proportion in trenches, flooding with water and levelling (cost of supplying earth and sludge or manure and mixing excluded).	cum	1278.80			-
12	Excavation in dumped stones or malba including stacking of serviceable and unserviceable material separately and disposal of unserviceable material lead upto 50 m and lift upto 1.5 m disposed material to be neatly dressed.	cum	333.00			-
13	Planting of Trees and their Maintenance for one Year (Planting of trees by the road side (Avenue trees) in 0.60 m dia. holes, 1 m. deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year)	nos.	50.00			-
	Shrubs					
14	Providing and planting of Bogenbelia dwarf, chandni dwarf, kaner dwarf vr flower bearing plants with 0 9+x 0 9+depth pit formation and soil preparation work s, (Mixing organic manure and plant s protection insecticide). Up to 4 month maintenance	nos.	4900.00			-

S.No.	Description of Item	Unit	Quantity	Unit Rate in INR	Amount in INR in Words	Amount (INR)
	Palm Trees					
15	Providing and planting of 3 0+ to 4 0+ heighted wasingtonia, filipheria/bismarkia novelist plam plants with 1 6+x 1 6+depth pit formation and soil preparation, (Mixing organic manure and plant s protection insecticide). Up to 4 month maintenance	nos.	80.00			-
16	Providing and planting of Topiary Trees 3 0+ to 4 0+ heighted Ficus black, golden botal brush, plants with 1 6+x 1 6+ depth pit formation and soil preparation,(Mixing organic manure and plants protection insecticide) Up to 4 month maintenance	NOS	72			-
17	Supply & fixing of Haridwar Pebble	Sqm.	42			-
18	Maintenance of Topiary Trees 3 0+to 4 0+heighted Ficus black, golden botal brush (For 32 month maintenance)	NOS	2304.00			-
19	Maintenance for Tree (For 24 month)	NOS	1200.00			-
20	Maintenance of Bogenbelia dwarf, chandni dwarf, kaner dwarf (For 32 month maintenance.)	NOS	156800.00			-
21	Carpet grass (well developed) (For 36 month maint.)	sqm	39600.00			-
22	Maintenance of Lawns or Turfing of Slopes (For 24 Month maint.)	sqm	30691.20			-
23	Irrigation System (For 36 months maint.)	sqm	134136.00			-
24	Pot maintenance (For 36 months maint.)	NOS	3600.00			-

S.No.	Description of Item	Unit	Quantity	Unit Rate in INR	Amount in INR in Words	Amount (INR)
25	RINGSTONE SQUARE (40x20x40 Cm)  i/c Aproved plants mateiial complete.	Nos.	20			-
26	CUBICO Big (40x30x76 Cm)  i/c Aproved plants mateiial complete.	Nos.	20			-
27	CONO (40x31x81) Cm  i/c Aproved plants mateiial complete.	Nos.	20			-
28	VENUS (25x15x26 Cm)  i/c Aproved plants mateiial complete.	Nos.	20			-
29	CEIRA 1601 (50x32x35 Cm)  i/c Aproved plants mateiial complete.	Nos.	20			-
30	Screen filter 50 cumh.: Supplying of 50cum/hr, screen filters including all pipelines , fixtures , with common base plate, accessories, hardwares, instruments, 3" with extra element, Plastic ribbed body construction with bspt threaded connections, maximum pressure 10 kg./cm2, Element for filtration of 100 micron, flow direction out to in. Strong & smooth opening, drip tight, stainless steel clamp closure including all material labour, hydraulic testing and commissioning all complete as per the direction of engineers in charge. Make (Jain / Azud / Netafim)	NOS	1.00			-
31	Air release cum vacuum hr. valve 1": Supplying of Air release cum vacuum breaker valve 1" Plastic Body Continous acting air release valve acts as vacuum release valve while drain off, specially designed rubber strip to seal the air vent perfectly. 1" BSP male threaded end connections.The pressure rating of 10kg/scicm and maximum sealing pressure of 0.5kg/sqcm. Balanced float to remove the small air pocket including all material labour, hydraulic testing and commissioning all complete as per the direction of engineers in charge. Make (Jain / Netafim)	NOS	2.00			-

S.No.	Description of Item	Unit	Quantity	Unit Rate in INR	Amount in INR in Words	Amount (INR)
32	uPVC Pipes (6kg/sq.cm.) : Providing lowering laying in trenches, aligning, fixing in position and jointing socket rubber gasket type isi marked upvc pipe of suitable for potable water with rubber ring joints as per ISI 4985-2000 for following outer dia with all the accessories complete including fittings /accessories like tee, elbow, reducer, ends, couplers & include the jointing solvent and excavation work and all material labour, hydraulic testing and commissioning as per technical specifications and as per the direction of engineers.					
i	75 mm OD	m	89.00			-
ii	63 mm OD	m	624.00			-
iii	50 mm OD	m	142.00			-
iv	40 mm OD	m	308.00			-
33	Supplying, of Commercial type gear drive rotor pc/fr. in one model With plastic riser & drain check valve Non strippable, flow stop control & rubber cover.Roter handling maximum Radius of coverage of 14 mtrs; flow upto 3.23 cumh for a pressure range 1.7 bar to 4.5 bar overall height 19 cms. pop up height 10 cms. exposed die. 4.5 cms. inlet size 3/4" female . drain check valve upto 3 mtrs. with service saddle heavy duty, swing joint 3/4" Tape, etc. including all material, labour, accessories hydraulic testing and commissioning all complete as per the direction of engineers in charge. Make (Rainbird / Hunter / Toro)	NOS	30.00			-
34	Supplying, of matched precipitation rotator double pop up multistream nozzle mounted on a uv resistant body with co molded wiper seal, drain check valve (up to 4.3 mtrs. of elevation) & pressure regulated to 2.1 bar., overall ht about 15.5 cms; exposed die. 5.7 cms, inlet 1/2" female heavy duty service saddle & swing joint of 1/2" size to be used in the fixing work with radius of coverage 6 mtrs. to 9,1 mtrs. & flow rate 97 lph. to 481 lph. Commercial type gear drive rotor pc/fc. in one model including all material labour,accessories, hydraulic testing and commissioning	NOS	10.00			-

S.No.	Description of Item	Unit	Quantity	Unit Rate in INR	Amount in INR in Words	Amount (INR)
35	Inline drip 16 mm. 4.1ph. 0.4mtrs. CL II -IS pc. with fittings: Supplying, of inline drip of 16mm. OD LLDP lateral with pressure compensating drippers 4 lph. capacity installed inside the lateral, inline made of special grade virgin plastic marked-CL-II as per IS 13488 to be fixed with necessary accessories including all material labour, hydraulic testing and commissioning all complete as per the direction of engineers in charge. Make (Jain / Netafim)	m	2,555.00			-
36	LLDPE Poly tube 16 mm: Supplying, of Poly tube 16 mm. ISI CLII, manufactured from virgin LLDPE using latest extrusion technology - UV stabilized as per IS 12786 including all material labour, hydraulic testing and commissioning all complete as per the direction of engineers in charge. Make (Jain / Netafim)	m	552.00			-
37	Ball valve: Supplying, of Ball valve 75 mm. ISI marked, minimum pressure rating 10 kg./sq.cm. minimum including all material labour, hydraulic testing and commissioning all complete as per the direction of engineers in charge. Make (Hydroten / jain)	NOS	5.00			-
38	Ball valve: Supplying, of Ball valve 63 mm. ISI marked, minimum pressure rating 10 kg./sq.cm. minimum including all material labour, hydraulic testing and commissioning all complete as per the direction of engineers in charge. Make (Hydroten / jain)	NOS	2.00			-
39	Valve box 10" : Supplying and erection of Valve box 10" circular model with rugged reinforced plastic construction and robust top cover with non slippery grips and provisions of snap fit type locking arrangement including all material labour, hydraulic testing and commissioning all complete as per the direction of engineers in charge. (Rainbird / jain)	NOS	5.00			-
40	PVC ball valve 40 mm: Supplying, of ISI marked ball valve 40 mm; with compact double union type made from high performance rigid pvc compound to be provided with nitrile rubber o rings & ptef seat rings, solvent weld plain ends arrangement including all material labour, hydraulic testing and commissioning all complete as per the direction of engineers in charge. Make (Hydroten / jain)	NOS	3.00			-

S.No.	Description of Item	Unit	Quantity	Unit Rate in INR	Amount in INR in Words	Amount (INR)
41	Providing ,supplying installing & testing of Vertical Openwell submersible Pump of 5 Hp of having discharge 5 Lps & total Head of 50 Meters with by Plass, NRV, Common Header , Flushing Unit, inlet outlet Fittings, control panel outdoor type etc. labour, taxes , Transport complete. 1 Working + 1 Standby (Make - Kriloskar / Crompton greaves)	NOS	2.00			-
	Total					-