

**EDFC FIELD UNIT-KOLKATA-CIVIL/EDFC
TENDER DOCUMENT**

Tender No: KKK-EN-TREE-CUT-JH-PH-I

Closing Date/Time: 10/05/2023 15:00

CGM/DFCCIL/Kolkata acting for and on behalf of The President of India invites E-Tenders against Tender No **KKK-EN-TREE-CUT-JH-PH-I** Closing Date/Time 10/05/2023 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

1. NIT HEADER

Name of Work	Tree branching, cutting, felling and transportation of timbers, Plantation, Transplantation and enumeration of trees falling within DFCCIL proposed ROW in Jharkhand State in Forest, Govt., Railway and Private land under the jurisdiction of GM/Co-Ordination/Kolkata		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	10/05/2023 15:00	Date Time Of Uploading Tender	18/04/2023 12:59
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	41833952.65	Tendering Section	JHARKHAND
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	836700.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	11800.00	Period of Completion	6 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	26/04/2023	Are Joint Venture (JV) firms allowed to bid	No
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule A-Enumeration, Transplantation of trees and loading & unloading of cut trees							37667572.12	Above/ Below/Par
1	Please see Item Breakup for details.				37667572.12	AT Par	37667572.12	
	Description:- Non schedule items for Enumeration, Transplantation of trees and loading & unloading of cut trees							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B1-DSR-2021 (Transportation of Tree)							1317405.68	Above/ Below/Par
1	Please see Item Breakup for details.				796448.63	65.41	1317405.68	
	Description:- CPWD DSR-2021 (Cutting & transportation of Tree)							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B2-DSR-2021 (Plantation of trees and their maintenance)							1289774.85	Above/ Below/Par
1	Please see Item Breakup for details.				1289774.85	AT Par	1289774.85	
	Description:- DSR-2021 (Plantation of trees and their maintenance)							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule C1-Plantation of trees and maintenance of trees							1523100.00	Above/ Below/Par
1	Please see Item Breakup for details.				1523100.00	AT Par	1523100.00	
	Description:- Plantation of trees and maintenance of trees							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule C2-Plantation of trees and maintenance of trees Ch. 0.3 Materials CPWD HORTICULTURE 2020							36100.00	Above/ Below/Par
1	Please see Item Breakup for details.				36100.00	AT Par	36100.00	

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Description:- Plantation of trees and maintenance of trees Ch. 0.3 Materials CPWD HORTICULTURE 2020
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3. ITEM BREAKUP

Schedule	Schedule A-Enumeration, Transplantation of trees and loading & unloading of cut trees					
Item- 1	Non schedule items for Enumeration, Transplantation of trees and loading & unloading of cut trees					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	NS3	Transplantation of Standing Trees by mechanical means/machine of various girth and species by uprooting and transplantation with all associated works, with all contractors labour, tools, machineries complete at the location specified within 1 Km. radius. as decided by DFCCIL site incharge	Per tree	738.00	7285.72	5376861.36
2	NS4	Transplantation of trees with manual labour, tools etc. and shifting of tree with lead of 1.5 km, including all associated works, terms and conditions as specified in tender document as decided by DFCCIL site incharge	Per tree	2192.00	545.55	1195845.60
3	NS5	Enumeration of Tree- a. Measurement of Girth b. Removing Bark c. Painting on removed bark area d. Numbering on tree e. Making List of tree with species f. Prepare excel sheet with details of village/Plot.	Per tree	772826.00	32.29	24954551.54
4	NS6	Complete maintenance of trees (Out side garden features), jobs like making of basin at regular interval i/c watering, weeding, pruning & application of fertilizer etc, (excluding the cost of material which shall be supplied by the department and other T & P material/articles shall be provided by the contractor) and as per direction of officer in charge.	Per tree/per month	93162.00	15.85	1476617.70
5	NS1 a	Felling trees of girth (measured at a height of 1m above ground level) including lead and stacking of material within 100m.Note : 1. When stumps are grubbed up in addition, the rates shall be doubled for trees cut and grubbed. 2. Payment for grubbing shall only be made where specially ordered. 3. Grubbing shall be ordered only where it is essential to remove the stumps, including the roots, as per specification. 4. Grubbing shall include removal of roots of trees and saplings to a depth of 60cm below ground level or 30 cm below formation level or 15 cm below sub grade level, whichever is lower. Girth over 30 cm and upto 60 cm	Per tree	1097.00	352.08	386231.76
6	NS1 b	Felling trees of girth (measured at a height of 1m above ground level) including lead and stacking of material within 100m.Note : 1. When stumps are grubbed up in addition, the rates shall be doubled for trees cut and grubbed. 2. Payment for grubbing shall only be made where specially ordered. 3. Grubbing shall be ordered only where it is essential to remove the stumps, including the roots, as per specification. 4. Grubbing shall include removal of roots of trees and saplings to a depth of 60cm below ground level or 30 cm below formation level or 15 cm below sub grade level, whichever is lower. Girth over 60 cm and upto 120 cm	Per tree	1959.00	961.42	1883421.78
7	NS1 c	Felling trees of girth (measured at a height of 1m above ground level) including lead and stacking of material within 100m.Note : 1. When stumps are grubbed up in addition, the rates shall be doubled for trees cut and grubbed. 2. Payment for grubbing shall only be made where specially ordered. 3. Grubbing shall be ordered only where it is essential to remove the stumps, including the roots, as per specification. 4. Grubbing shall include removal of roots of trees and saplings to a depth of 60cm below ground level or 30 cm below formation level or 15 cm below sub grade level, whichever is lower Girth over 120 cm upto 240 cm	Per tree	603.00	1909.31	1151313.93

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8	NS1 d	Felling trees of girth (measured at a height of 1m above ground level) including lead and stacking of material within 100m. Note : 1. When stumps are grubbed up in addition, the rates shall be doubled for trees cut and grubbed. 2. Payment for grubbing shall only be made where specially ordered. 3. Grubbing shall be ordered only where it is essential to remove the stumps, including the roots, as per specification. 4. Grubbing shall include removal of roots of trees and saplings to a depth of 60cm below ground level or 30 cm below formation level or 15 cm below sub grade level, whichever is lower. Girth over 240 cm	Per tree	142.00	3202.50	454755.00
9	NS2 a	Making of log of trees after cutting so that cut trees can be loaded in truck/tractor/trailer etc. for transportation purpose. Size of log shall be as per instruction of Engineering incharge or as specified by Forest department. Girth over 30 cm and upto 60 cm	Per tree	1097.00	113.75	124783.75
10	NS2 b	Making of log of trees after cutting so that cut trees can be loaded in truck/tractor/trailer etc. for transportation purpose. Size of log shall be as per instruction of Engineering incharge or as specified by Forest department. Girth over 60 cm and upto 120 cm	Per tree	1959.00	163.85	320982.15
11	NS2 c	Making of log of trees after cutting so that cut trees can be loaded in truck/tractor/trailer etc. for transportation purpose. Size of log shall be as per instruction of Engineering incharge or as specified by Forest department. Girth over 120 cm upto 240 cm	Per tree	603.00	407.59	245776.77
12	NS2 d	Making of log of trees after cutting so that cut trees can be loaded in truck/tractor/trailer etc. for transportation purpose. Size of log shall be as per instruction of Engineering incharge or as specified by Forest department. Girth over 240 cm	Per tree	142.00	679.09	96430.78
					Total	37667572.12
Schedule	Schedule B1-DSR-2021 (Transportation of Tree)					
Item- 1	CPWD DSR-2021 (Cutting & transportation of Tree)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1.1.12 a	Carriage of timber by Mechanical Transport including loading, Unloading and stacking) from site of felling to Stacking Yard: upto 5km per KM	cum	1147.82	248.18	284865.97
2	1.1.12 b	Carriage of timber by Mechanical Transport including loading, Unloading and stacking) from site of felling to Stacking Yard: Beyond 5 km upto 10 km per KM	CUM per KM	5739.10	15.48	88841.27
3	1.1.12 c	Carriage of timber by Mechanical Transport including loading, Unloading and stacking) from site of felling to Stacking Yard: Beyond 10 km 20 km per KM	CUM per KM	11478.20	12.62	144854.88
4	1.1.12 d	Carriage of timber by Mechanical Transport including loading, Unloading and stacking) from site of felling to Stacking Yard: Beyond 20 km per KM	CUM per KM	27297.30	10.18	277886.51
					Total	796448.63
Schedule	Schedule B2-DSR-2021 (Plantation of trees and their maintenance)					
Item- 1	DSR-2021 (Plantation of trees and their maintenance)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	13.38	Satna lime wash on walls with one coat.	Sqm	260.00	13.10	3406.00
2	16.42	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.	cum	78.00	7399.20	577137.60
3	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	9.00	6658.25	59924.25

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4	13.1.2	"12 mm cement plaster of mix: 1:6 (1 cement: 6 fine sand)"	Sqm	90.00	182.00	16380.00
5	9.48.2	"Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc."	Kg	250.00	197.70	49425.00
6	16.15.1	Supplying at site: R.C.C. Standards post/ struts/rails/ pales of mix 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 12.5 mm nominal size) with wooden plugs or 6mm bar nibs wherever required as per direction of Engineer-incharge (cost of earth works in excavation, concrete works in foundation to be paid separately).	cum	10.00	28603.00	286030.00
7	16.17.1	"Fencing with R.C.C. post placed at required distance, embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with horizontal lines and two diagonals of barbed wire weighing 9.38 kg per 100 meters (minimum), between the two posts fitted and fixed with G.I. staples on wooden plugs or G.I. binding wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and concrete to be paid for separately) :- Payment to be made per meter cost of total length of barbed wire used. With G.I. barbed wire"	Metre	6400.00	46.48	297472.00
					Total	1289774.85

Schedule Schedule C1-Plantation of trees and maintenance of trees

Item- 1 Plantation of trees and maintenance of trees

S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	2.0	HORTICULTURE AND LANDSCAPING				
	2.14	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any, with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately)				
1	2.14.3	Holes 60 cm dia, and 60 cm deep	Each	14440	43.75	631750
	7.0	TREE PLANTS				
2	7.5	Providing and stacking of Azadirachta indica (Neem) of height 120-130cm in big polybag of size 25 cm as per direction of the officer-in-charge.	Each	1830	65	118950
3	7.6	Providing and stacking of Bassia latifolia (Mahua) of height 90-105 cm. in big polybag of size 25 cm as per direction of the officer-in-charge.	Each	1250	65	81250
4	7.13	Providing and stacking of Butea frondosa (Flame of Forest) of height 60-75 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	Each	4440	55	244200
5	7.23	Providing and stacking of Dalbergia sissoo (Seasam) of height 120-135 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	Each	1410	55	77550
6	7.36	Providing and stacking of Ficus religiosa (Peepal) of height 150-165 cm. in big poly bags of size 30 cm as per direction of the officer-in-charge.	Each	200	65	13000
7	7.53	Providing and stacking of Mangifera indica (Mango-grafted) of height 60-75 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	Each	1750	55	96250
8	7.60	Providing and stacking of Nauclea cadamba (Kadam) of height 150-165 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	Each	1050	65	68250

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9	7.74	Providing and stacking of Polyalthia longifolia (Ashok) of height 150-165 cm. in earthen pots of size 25 cm as per direction of the officer-in-charge.	Each	730	80	58400
10	7.83	Providing and stacking of Eugenia jambolana (Jamun) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	Each	1780	75	133500
					Total	1523100.00
Schedule	Schedule C2-Plantation of trees and maintenance of trees Ch. 0.3 Materials CPWD HORTICULTURE 2020					
Item- 1	Plantation of trees and maintenance of trees Ch. 0.3 Materials CPWD HORTICULTURE 2020					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	303	Supply of Cow dung Manure	cum	722.00	50.00	36100.00
					Total	36100.00

4. ELIGIBILITY CONDITIONS

Standard Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have minimum average annual contractual turnover of V/N or V whichever is less; where, V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Form 2B, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	No	Allowed (Mandatory)

Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have satisfactorily completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i)Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii)Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii)One similar work costing not less than the amount equal to 60% of advertised value of the tender Note: 1. The tenderers shall submit requisite information as per Form 2A, along with relevant documents.	No	No	Allowed (Mandatory)
1.1	Defination of Similar Work :- Any Civil Engineering work excluding P-Way works.	No	No	Not Allowed

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

Custom

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Documents to be enclosed with the TECHNICAL BID as per Clause1.3.2(b) of Part-I of Chapter-III of Tender Document	No	No	Not Allowed
1.1	Offer letter complete as per Form-1 of Tender Document	No	No	Allowed (Mandatory)

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1.2	Tenderer's Technical credentials in accordance with Para 1.3.13 (i)(A) of Part-I, Chapter-III (Preamble & General Instructions to Tenderers): As per Form No. 2A of Tender Document	Yes	Yes	Allowed (Mandatory)
1.3	Tenderer's Financial credentials in accordance with Para 1.3.13 (i)(B) of Part-I, Chapter-III (Preamble & General Instructions to Tenderers): As per Form No. 2B of Tender Document	Yes	Yes	Allowed (Mandatory)
1.4	Applicant's Party Information Form: As per Form 2D of tender Document	No	No	Allowed (Mandatory)
1.5	Certificates for authenticity of documents/ Format for Affidavit: As per Form 22 of Tender Document	Yes	Yes	Allowed (Mandatory)
1.6	Format of Integrity pact: As per Form 20 of Tender Document	Yes	Yes	Allowed (Mandatory)
1.7	Details of Earnest money in accordance with Para 1.3.8 of Part-I, Chapter-III (Preamble & General Instructions to Tenderers)	Yes	Yes	Allowed (Optional)
1.8	An undertaking that he is not blacklisted or debarred by Railways or any other Ministry or Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which he was or is a partner/member. Concealment or wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract.: As per Clause 1.3.6 of Part-I, Chapter-III (Preamble & General Instructions to Tenderers)	No	No	Allowed (Mandatory)
1.9	Documents to be Submitted Along with Tender as per Clause 1.3.6.2 of Part-I, Chapter-III (Preamble & General Instructions to Tenderers)	No	No	Allowed (Optional)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	TenderDocumentTreeFellingTransplantationEnumerationandPlantation_1.pdf	Tender Document

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

Signed By: JOY KARMAKAR

Designation : DYPM/Civil/Kolkata