

GOVERNMENT OF TELANGANA  
FOREST DEPARTMENT

From  
Sri Neeraj Kumar Tibrewal, IFS.,  
District Forest Officer,  
Kumuram Bheem-Asifabad

To  
The Prl. Chief Conservator of Forests,  
& Nodal Officer for FCA,  
Telangana State, Aranya Bhavan,  
HYDERABAD.

**Re.No.107/2021/S4, Dated: 05.07.2023.**

Sir,

Sub :- TSFD-Forest (C) Act, 1980- Diversion of **2.1948 ha** (revised from **2.9929 Ha**) of Forest land in Kagaznagar Division for formation of BT Road from Kammargaon to Nandigaon from KM 0/0 to 3/998 Bejjur and Bejjur Ext-III RF in favour District (R&B) Officer, Kumuram Bheem- Additional information sought for by IRO, MoEF&CC, GoI, Hyd- **Replies to Additional information-Submitted** – Reg.

- Ref:-
- 1) Prl.C.C.F Telangana Hyd.Rc No. 15700/2020/FCA2 (i) dated 15.12.2020.
  - 2) Prl.C.C.F Telangana Hyd.Rc No. 16826/2020- WL-1 dt 31.12.2020.
  - 3) C.F.A.C. Adb Rc. No. 1999/2020-M6, Dt: 05.01.2021.
  - 4) F.D.O., Kaghaznagar Rc. No. 4211/2020-D1, dt. 13.09.2021.
  - 5) Prl.C.C.F Telangana Hyd.Rc No. 15700/2020/FCA-2, Dated: 05.01.2022 ( Submitted to the Govt).
  - 6) DIGF (C), MoEF&CC, GoI, IRO, Hyd F.No.4-TSB279/2022-HYD/611, Dt: 28.07.2022 (EDS).
  - 7) Prl.C.C.F Telangana Hyd.Rc No. FC1/FC03/101/2022, Dated: 03.08.2022 (EDS).
  - 8) D.F.O., KB-Asifabad Rc.No. 107/2021/S4, Dt:18.08.2022 & 04.10.2022.
  - 9) Dist. R&B Officer, KB-Asifabad Rc.No. EE/R&B/KBA/2022-23, Dt: .02.2023.
  - 10) FDO, Kaghaznagar Rc.No.4211/2020/D1, Dt.08.05.2023
  - 11) D.F.O., KB-Asifabad Rc.No. 107/2021/S4, Dt: 09.05.2023.
  - 12) Prl. CCF, TS Hyd Rc.No. FC1/FC03/33/2023,. Dated: 22.05.2023 (for VC meeting on 23.05.2023).
  - 13) FDO, Kaghaznagar, Rc.No.4211/2020/D1, Dt.26.05.2023
  - 14) Prl.C.C.F Telangana Hyd.Rc No. FC1/FC03/101/2022(15700/2020/FCA-2),Dated: 13.06.2023.

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In compliance to the instructions issued in the reference 14<sup>th</sup> cited above, I am submitting herewith, the replies to the Additional information sought for by IRO, Hyd on Diversion of **2.1948 ha** (revised from **2.9929 Ha**) of Forest land in Kagaznagar Division for formation of BT Road from Kammargaon to Nandigaon from KM 0/0 to 3/998 Bejjur and Bejjur Ext-III RF in favour District (R&B) Officer, Kumuram Bheem, for which details are as follows.

Sl No.	EDS raised	Reply
1	SC-NBWL approval	Approved in NBWL on 29.12.2022
2	Correct kml file and CA scheme specific to the current proposals may be uploaded.	It is submitted that, the PCCF vide FC2/FC09/2/2022/15854/2020/FCA-1, dt:-02.07.2023 has communicated the details of 44.4886 Ha of CA Land in Sy.No.322 of Pangidi Madara village of Tirynai Mandal of Asifabad Division of KB-Asifabad and the details of 15 Road projects including this project to which the land was allotted and the User Agency will upload the KML file of the same in Parivesh portal.
3	MAP AND DGPS data for the entire area of 81.4313 ha NFL and 71.00 ha DFL may be uploaded	The Map, DGPS Date and KML File of NFL Land will be uploaded by User Agency.  It is submitted that, the identified NFL land was not suitable for plantation. Hence an area of 45 Ha identified for DFL in Compt.No.55 of Garlapet RF, Itkalpahad Beat of Makidi Section of Sirpur Range of Kaghaznagar division for this project. The KML file of the same will be uploaded in the Parivesh portal.  The CA Scheme of the NFL – 45.00 Ha and DFL – 45 Ha is submitted herewith.



4	Hence legal status of existing road needs to be submitted by State Government	<p>It is submitted that, as per Gazette notification of Bejjur Ext-III Reserve Forest notified under section -15 vide G.O Ms No.280, Forest and Rural Development (For.III) Dt: 19.06.1982, "A cart track Kammargaon to Nandigaon is admitted as right of way for a width of 10 feet for carts, men and cattle"</p> <p>The cart track exists before 1980 on SOI Sheet (sheet No: 56M16) which was published in the year 1982 and surveyed in the year 1979-80. (from Nandigaom to Kammargaom).</p> <p>During the field inspection on 06.05.2023, it was found that there is an exists old gravel road which is connects from Kammargaom village to Nandigaom village of Penchikalpet Range of Kaghaznagar Division the gravel road was laid by Panchyath Raj department, Penchikalpet during the year 2015 to 2016 under PMGSY scheme which is violated the provisions of Forest (Conservation) Act, 1980 by carried out the gravel road work in the Forest area during the year 2015 to 2016 without obtaining the prior permission from the competent authority.</p> <p>In this regard, a case was registered by Sri G. Jagan Mohan Goud, Forest Section Officer, Kammargaom vide POR No. 1254/130 dated 06.05.2023 against the Assistant Executive Engineer PR Department Penchikalpet. The penalties for the offence details are as follows.</p> <table><tr><th>Length &amp; Width of Road Violated (m)</th><th>Violated Forest area (Ha)</th><th>Volume of work (Cmt)</th><th>Value of work (Rs)</th></tr><tr><td>1100 with width of 3.75 m</td><td>0.4125</td><td>412.5</td><td>4,20,750=00</td></tr></table>	Length & Width of Road Violated (m)	Violated Forest area (Ha)	Volume of work (Cmt)	Value of work (Rs)	1100 with width of 3.75 m	0.4125	412.5	4,20,750=00
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1100 with width of 3.75 m	0.4125	412.5	4,20,750=00							
5	Site inspection report and Part- II filled by the DFO concerned may be uploaded in place of the reports of FDO.	The Site inspection report and Part- II by the District Forest Officer, Kumuram Bheem-Asifabad is submitted herewith.								
6	Component wise breakup of cross section	Enclosed, which is submitted by user agency.								
7	Either side of the road. Agriculture fields are seen. Hence legal status of the proposed for diversion indicating any encroachments/ RoFR holdings may be furnished.	It is submitted that; either side of the road the existing agriculture fields are along the alignment of the proposals are old encroachments. But these agriculture fields are not falling in the proposed for diversion.								
8	Status of villages (Kammargaon and Nandigaon) notified Revenue villages/ Forest villages/ encroachments may be intimated along with supporting documents.	Kammargaon and Nandigaon villages are <u>Not-notified Revenue</u> villages as per list obtained from the O/o the District Collector, Kumuram Bheem-Asifabad, the same is submitted herewith.								

This is submitted for favour of kind information.

Yours faithfully,

District Forest Officer  
KB-Asifabad

Copy submitted to the Chief Conservator of Forests & Field Director Project Tiger, KTR Circle Mancherial for favour of kind information.

District Forest Officer  
KB Asifabad

**PART – II ( Revised)****(To be filled by the concerned Deputy Conservator of Forests)**

Diversion of **2.1948 Ha** of Forest land for formation of BT Road from Kammargaon to Nandigaon from KM 0/0 to 3/998 Bejjur and Bejjur Ext-III RF of Kaghaznagar Division of Kumrambheem Asifabad District in favour District R&B Officer (Executive Engineer), Kumuram Bheem Asifabad District.

7.	<b>Location of the Project/Scheme</b>	:	The proposed Diversion of <b>2.1948 Ha</b> of Forest land for formation of BT Road from Kammargaon to Nandigaon from KM 0/0 to 3/998" passing through Compt No. 267,270 of Bejjur RF and Bejjur Ext- III.																																																
i	<b>State/Union Territory :</b>	:	Telangana State.																																																
ii	<b>District.</b>	:	Kumuram Bheem Asifabad District.																																																
iii	<b>Forest Division</b>	:	Kaghaznagar Division.																																																
iv	<b>Area of forest land proposed for diversion (in Ha).</b>	:	<p>The User Agency proposed diversion area is 2.9929 Ha (<b>length is 3990.55 meters with a width of 7.50 meters</b>)</p> <p>The proposed diversion area as per the field verification passing through Reserve Forest is <b>2.1948 Ha</b> due to the width of road is reduced to 5.50 Meters as proposed the User Agency is 7.50 Meters (<b>length is 3990.55 meters with a width of 5.50 meters</b>)</p>																																																
<p>The length and area of proposed diversion forest area of Forest land for formation of BT Road from Kammargaon to Nandigaon from KM 0/0 to 3/998/" is as follows.</p> <table border="1"> <thead> <tr> <th rowspan="2">Sl. N o.</th> <th rowspan="2">Range</th> <th rowspan="2">Section</th> <th rowspan="2">Beat</th> <th rowspan="2">Compt No</th> <th rowspan="2">Name of the RF</th> <th colspan="3">Proposed area for Diversion</th> </tr> <tr> <th>Length in Mts</th> <th>Width in Mts</th> <th>Area in Ha</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Penchikalpet</td> <td>Kammargaon</td> <td>Kammargaon</td> <td>267</td> <td>Bejjur</td> <td>2016</td> <td>5.5</td> <td>1.1088</td> </tr> <tr> <td>2</td> <td>Penchikalpet</td> <td>Kammargaon</td> <td>Nandigaon</td> <td>270</td> <td>Bejjur</td> <td>434</td> <td>5.5</td> <td>0.2387</td> </tr> <tr> <td>3</td> <td>Penchikalpet</td> <td>Kammargaon</td> <td>Nandigaon</td> <td>Bejjur Ext- III</td> <td>Bejjur Ext- III</td> <td>1540.55</td> <td>5.5</td> <td>0.8473</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><b>3990.55</b></td> <td></td> <td><b>2.1948</b></td> </tr> </tbody> </table>				Sl. N o.	Range	Section	Beat	Compt No	Name of the RF	Proposed area for Diversion			Length in Mts	Width in Mts	Area in Ha	1.	Penchikalpet	Kammargaon	Kammargaon	267	Bejjur	2016	5.5	1.1088	2	Penchikalpet	Kammargaon	Nandigaon	270	Bejjur	434	5.5	0.2387	3	Penchikalpet	Kammargaon	Nandigaon	Bejjur Ext- III	Bejjur Ext- III	1540.55	5.5	0.8473							<b>3990.55</b>		<b>2.1948</b>
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v	<b>Legal status of forest.</b>	:	<p><b>Bejjur RF:</b> Notified U/s-15 vide Notification No. 50, Dt: 24.05.51.</p> <p><b>Bejjur Ext- III RF:</b> Notified U/s-15 vide Notification G.O Ms.No. 280 F&amp;RD III, Dt: 29.06.1982, AP Gazette No.47, Dt: 02.12.1982</p>																																																
vi	<b>Density of vegetation.</b>	:	Density is 0.1 to 0.3																																																
vii	<b>Species wise (scientific names) and diameter class wise enumeration of trees (to be enclosed).</b>	:	There is no tree growth in the proposed diversion area.																																																
viii	<b>Brief note on vulnerability of the forest area to erosion.</b>	:	There will be no noticeable erosion																																																
ix	<b>Approximate distance of proposed site for diversion from boundary of forest.</b>	:	The proposed area for diversion passing through Reserve Forest.																																																

x	Whether forms part of National Park, Wildlife Sanctuary, Biosphere reserve, Tiger reserve, Elephant corridor, etc. (If so the details of the area and comments of the Chief Wildlife warden to be annexed).	:	The total proposed diversion area is <b>2.1948 Ha</b> is falling in notified " <b>Corridor of Kawal Tiger Reserve</b> " which is passing through compartment numbers, 267, 270 and Bejjur Ext-III of Penchikalpet Range of Kaghaznagar Division.
xi	Whether any rare/ endangered / Unique species of flora and fauna found in the area – if so details thereof.	:	The "Corridor area of Kawal Tiger Reserve" in Penchikalpet Range is bordering Maharastra state which is a linking Corridor of Tadoba-Andhari Tiger Reserve and Kawal Tiger Reserve. This area has transient tigers moving from Maharastra state to Kagaznagar Division of Telangana state.
xii	Whether any protected archaeological/heritage site/ defense establishment or any other important monument is located in the area.	:	--No--
8	Whether the requirement of forest land as proposed by the user agency in Column 2 of Part – I is unavoidable and barest minimum for the project.	:	<p>The User agency has proposed the length of road is 3990.55 meters with a width of 7.50 meters and the diversion area as 2.9929 Ha in Kaghaznagar Division. The proposed diversion forest area for formation of BT Road from Kammargaon to Nandigaon from KM 0/0 to 3/998 of Penchikalpet Mandal is passing through interior forest area and the surrounding areas covered with good flora and fauna.</p> <p>This route has no alternatives and the road width of 7.50 Meters proposed by the User Agency is not necessity in view of the interior location of the connecting villages. The vehicular traffic is also negligible and hence in view of protection of forest &amp; wildlife habitat, and requirement of formation of road, it is recommended the width of road for 5.50 Meters instead of 7.50 Meters as proposed by the User Agency and the diversion area reduced to <b>2.1948 Ha</b>.</p> <p>As per justification given by User agency and the field conditions, the barest minimum and unavoidable area for the project is <b>2.1948 Ha</b>.</p>
9	Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.	:	<p>Yes,</p> <p>During the field inspection on 06.05.2023, it was found that there is an exists old gravel road which is connects from Kammargaom village to Nandigaom village of Penchikalpet Range of Kaghaznagar Division the gravel road was laid by Panchyath Raj department, Penchikalpet during the year 2015 to 2016 under PMGSY scheme which is violated the provisions of Forest (Conservation) Act, 1980</p>



			by carried out the gravel road work in the Forest area during the year 2015 to 2016 without obtaining the prior permission from the competent authority.										
			In this regard, a case was registered by Sri G. Jagan Mohan Goud, Forest Section Officer, Kammargaom vide POR No. 1254/130 dated 06.05.2023 against the Assistant Executive Engineer PR Department Penchikalpet. The penalties for the offence details are as follows.										
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Sl No	Length of Road Violated (m)	Violated Forest area ( Ha)	Volume of work (Cmt)	Value of work ( Rs)									
1	1100 with width of 3.75 m	0.4125	412.50	4,20,750=00									
10	<b>Details of compensatory afforestation scheme:-</b>	:											
i	Details of non-forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest number of patches, size of each patch.	:	The CA area (Non-Forest Land) to an extent of <b>45 Ha</b> allotted in <b>Sy.No.322 of Pangidimadara village of Tiryani Mandal of Ginnedhary Range of Asifabad Forest Division of Kumuram Bheem-Asifabad District</b> . The allotted CA area is adjacent to compartment No.146.										
ii	Map showing non – forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	:	Enclosed with CA scheme.										
iii	Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	:	Enclosed with CA scheme.										
iv	Total financial outlay for compensatory afforestation scheme.	:	The CA scheme is prepared for <b>45 Ha</b> for LWE R&B Roads projects including this project.										
v	Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view (to be signed by the concerned Deputy Conservator of Forests).	:	Enclosed with CA scheme.										
11	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked In Columns 7 (xi, xii), 8 and 9 above.	:	The site inspection report is enclosed.										
12	<b>Division/District profile: -</b>	:											
i	Geographical area of the district.	:	4,49,404 Hac										
ii	Forest area of the district.	:	2,44,541 Hac										
iii	Total forest area diverted in the division since 1980 with number of cases.	:	123.874 Ha										

iv	Total Compensatory afforestation stipulated in the division since 1980 on	:	
a	Forest land included in penal compensatory afforestation.	:	364.600 Ha
b	Non – Forest land.	:	5.06 Ha ( 1 case)
V	Progress of compensatory afforestation as on date	:	
a	Forest land included in penal compensatory afforestation.	:	300.00 Ha
b	Non – Forest land.	:	5.06 Ha
	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.	:	<p>As the proposed project is taking the barest minimum area of Reserve Forest and there is no other alternative available. The road project is to provide quick transportation facilities for security forces and also connect the remote villages.</p> <p>Thus, the diversion area as per the field verification is <b>2.1948 Ha</b> Forest land for proposed formation of BT Road from Kammargaon to Nandigaon from KM 0/0 to 3/998 of Penchikalpet Mandal” <b>with width of 5.50 Meters</b> over a length of <b>3990.55</b> meters, which is falling in Bejjur &amp; Bejjur Ext- III Reserve Forest in Kaghaznagar Division is <b>recommended</b> considering all the aspects mentioned in the proposal and field conditions.</p>

Date: .07.2023  
Place: KB-Asifabad

Signature:

Name : Neeraj Kumar Tibrewal, IFS.,  
District Forest Officer ,  
Kumuram Bheem-Asifabad

Office Seal:



Site inspection report of Sri Neeraj Kumar Tibrewal, IFS., District Forest Officer, Kumuram Bheem-Asifabad on Diversion of 2.1948 Ha of Forest land for formation of BT Road from Kammargaon to Nandigaon from KM 0/0 to 3/998 Bejjur and Bejjur Ext-III RF, in favour of District (R&B) Officer, (Executive Engineer.), Kumrambheem-Asifabad District- Sirpur Range of Kaghaznagar Forest Division of Kumuram Bheem-Asifabad District.

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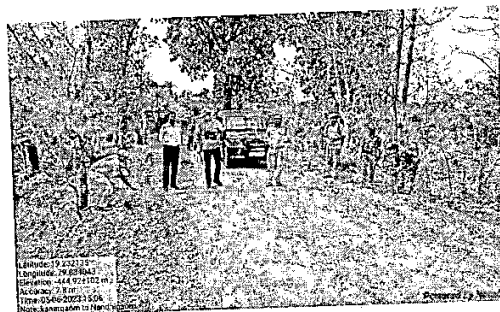
Today on 06.05.2023 inspected the proposed diversion area of Forest land for **2.1948 ha** (Revised from 2.9929 ha ) formation of BT Road from Kammargaon to Nandigaon from KM 0/0 to 3/998 Bejjur and Bejjur Ext-III RF, in favour of District (R&B) Officer, (Executive Engineer.), Kumrambheem-Asifabad District in Penchikalpet Range of Kaghaznagar Division along with concerned staff. As per the field verification of the proposed diversion area, the details of which are as follows.

Sl. No.	Range	Section	Beat	Compt No	Name of the RF	Proposed diversion area as per DGPS by the Prl.C.C.F. Hyd			Proposed area for Diversion as per field verification		
						Length in Mts	Width in Mts	Area in Ha	Length in Mts	Width in Mts	Area in Ha
1	Penchikalpet	Kammargaon	Kammargaon	267	Bejjur	3990.55	7.5	2.9929	2016	5.50	1.1088
2	Penchikalpet	Kammargaon	Nandigaon	270	Bejjur				434	5.50	0.2387
3	Penchikalpet	Kammargaon	Nandigaon	Bejjur Ext- III	Bejjur Ext- III				1540.55	5.50	0.8473
			<b>Total</b>			<b>3990.55</b>	<b>7.5</b>	<b>2.9929</b>	<b>3990.55</b>	<b>5.50</b>	<b>2.1948</b>

The aforesaid proposed diversion area is passing through RF Bejjur and RF Bejjur Ext III in Penchikalpet Range of Kaghaznagar Division and the total length is **3990.55 meters** with a width of **5.50 meters** which is amounting to the total area, required for diversion in Kaghaznagar division is **2.1948 ha**, due to reduce the width of the road to 5.50 Meters as proposed the User Agency is 7.50 Meters and Protection of Forest and Wildlife habitat. The proposed area is falling in Bejjur Forest Block which is notified U/s- 15 vide Notification No. 50, Dt: 24.05.51 and Bejjur Ext- III Forest Block which is notified U/s- 15 vide Notification G.O Ms.No. 280 F&RD III, Dt: 29.06.1982, AP Gazette No.47, Dt: 02.12.1982

The proposed diversion of forest area for Non forestry purpose, the canopy density of the vegetation in the adjacent forest area is 0.1 - 0.3. There is no tree growth in existing in the proposed diversion area.

In the proposed diversion area, no unique tree is found, no protected archaeological / heritage site / defense establishment or any other important monument is found in the area. The proposed diversion area is 2.1948 Ha is falling in notified "**Corridor of Kawal Tiger Reserve**" which is passing through compartment numbers, 267, 270 & Bejjur Ext- III of Penchikalpet Range of Kaghaznagar Division, which is frequently noticed with Tiger movement in this area.

**Details of Violation of area:**

During the field inspection on 06.05.2023, it was found that there is an exists old gravel road which is connects from Kammargaom village to Nandigaom village of Penchikalpet Range of Kaghaznagar Division the gravel road was laid by Panchyath Raj department, Penchikalpet during the year 2015 to 2016 under PMGSY scheme which is violated the provisions of Forest (Conservation) Act, 1980 by carried out the gravel road work in the Forest area during the year 2015 to 2016 without obtaining the prior permission from the competent authority.

In this regard, a case was registered by Sri G. Jagan Mohan Goud, Forest Section Officer, Kammargaom vide POR No. 1254/130 dated 06.05.2023 against the Assistant Executive Engineer PR Department Penchikalpet. The penalties for the offence details are as follows.

Sl. No.	Range	Section	Beat	Compt No	Name of the RF	Description of work	Length of Road Violated (m)	Violated Forest area (Ha)	Volume of work (Cmt)	Value of work (Rs)
1	Penchikalpet	Kammargaom	Kammargaom	267	Bejjur	Gravel road	1100 with width of 3.75 m	0.4125	412.50	4,20,750=00

The User agency has proposed the length of road is 3990.55 meters with a width of 7.50 meters and the diversion area as 2.9929 Ha in Kaghaznagar Division. The proposed diversion forest area for formation of BT Road from Kammargaon to Nandigaon from KM 0/0 to 3/998 of Penchikalpet Mandal is passing through interior forest area and the surrounding areas covered with good flora and fauna. This route has no alternatives and the road width of 7.50 Meters proposed by the User Agency is not necessity in view of the interior location of the connecting villages. The vehicular traffic is also negligible and hence in view of protection of forest & wildlife habitat, and requirement of formation of road, it is recommended the width of road for 5.50 Meters instead of 7.50 Meters as proposed by the User Agency and the diversion area reduced to **2.1948 Ha**.


Hence this project requires barest minimum forest area of **2.1948 Ha**, with the total length of 3990.55 meters and width of 5.50 meters in Reserve Forest area.



Thus, this road for formation of BT Road from Kammargaon to Nandigaon from KM 0/0 to 3/998 of Penchikalpet Mandal is **recommended (2.1948 Ha area)** based on the field conditions and future impact.

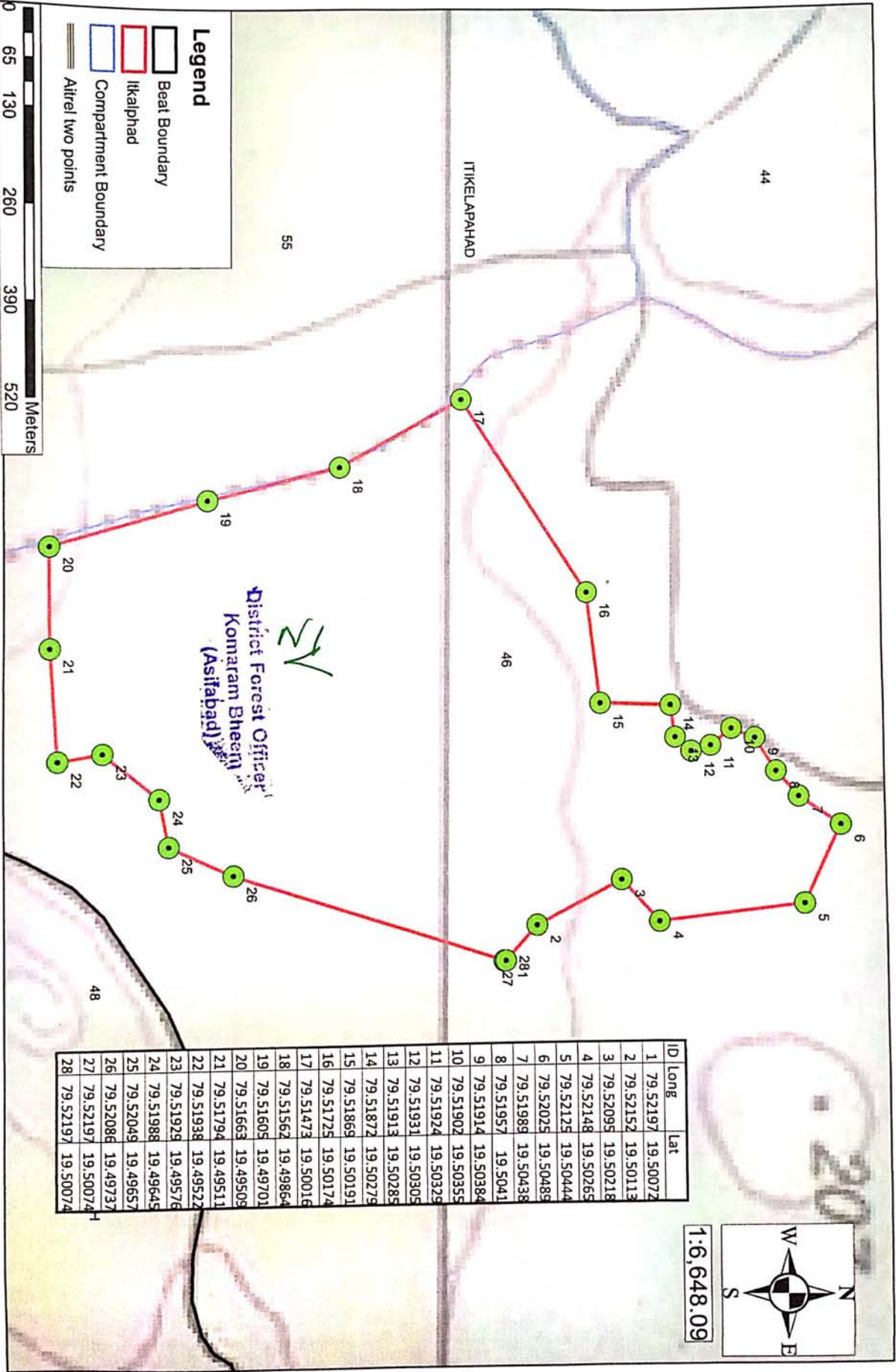
Any soil which is to be taken from site for the road proposed shall be confined to within width of 5.50 m for approved for diversion. No land outside 5.50 m width, which is approved for diversion should disturb.

Hence it is recommended for considering the proposal.



District Forest Officer  
KB-Asifabad

Map showing forest land for DFL 45 Hac (R&B) in Compt No. 55 of Itkalphadt Beat of Sirpur Range in Kaghaznagar Division





CA land to be taken over in Sy No 322 of Pangidimadara (V), Tiryani (M) of Asifabad Division in lieu of forest land proposed for diversion for various Road Projects in Asifabad District in favor of EE (R&B), Asifabad



79°10'30"E

79°11'0"E

19°15'30"N

19°15'30"N

19°15'0"N

19°15'0"N

19°14'30"N

19°14'30"N

ASIFABAD

Balance Area - 37.9741 Ha

Forest Divisional Officer  
ASIFABAD.

District Forest Officer  
Komaram Bheem  
(Asifabad)

DISTRICT R&B OFFICER  
Executive Engineer  
Komaram Bheem-Asifabad

#### Legend

Area Proposed for CA Land

Geographic Coordinate System - WGS84 Datum (UTM 44N)

0 150 300 600 Meters

79°10'30"E

79°11'0"E

Id	Road Name	Area_ha
1	BT Road from Sirpur to Methindani	8.6142
2	BT Road from Raghavapur to Govena	1.7440
3	BT Road from Govena to Jamuldhara	3.4120
4	BT Road from Kereguda to Dampur	4.0700
5	BT Road from Gundala to Mangi	3.9000
6	BT Road from Kamana to Sarkepalli	0.5210
7	BT Road from Vanjariguda to Geethabanda	1.0180
8	BT Road from Movad to Chorpalli	5.1389
9	BT Road from Movad to Koutan Movad	1.4190
10	BT Road from Sirpur(U) to Devudpally	0.3270
11	BT Road from Pangidi to Madhura Thanda	2.9830
12	Construction of road from Dimda to Chittam and two HLB at Km 4/850 and Km 5/340	3.2910
13	BT Road from Kammergaon to Nandigaon	2.1948
14	BT Road from Karji to Loha	2.4746
15	Kazipet to Ballarsha Section	2.3495
Total		43.4570
Remaining Balance Area		37.9741
Grand Total		81.4311



79°10'30"E

79°11'0"E



CA land to be taken over in Sy No 322 of Pangidimadara (V), Tiryani (M) of Asifabad Division in lieu of forest land proposed for diversion for various Road Projects in Asifabad District in favor of EE (R&B), Asifabad

19°15'30"N

19°15'30"N

19°15'0"N

19°15'0"N

19°14'30"N

19°14'30"N

ASIFABAD

Balance Area - 37.9741 Ha

Legend

Area Proposed for CA Land

Geographic Coordinate System - WGS84 Datum ( UTM 44N)

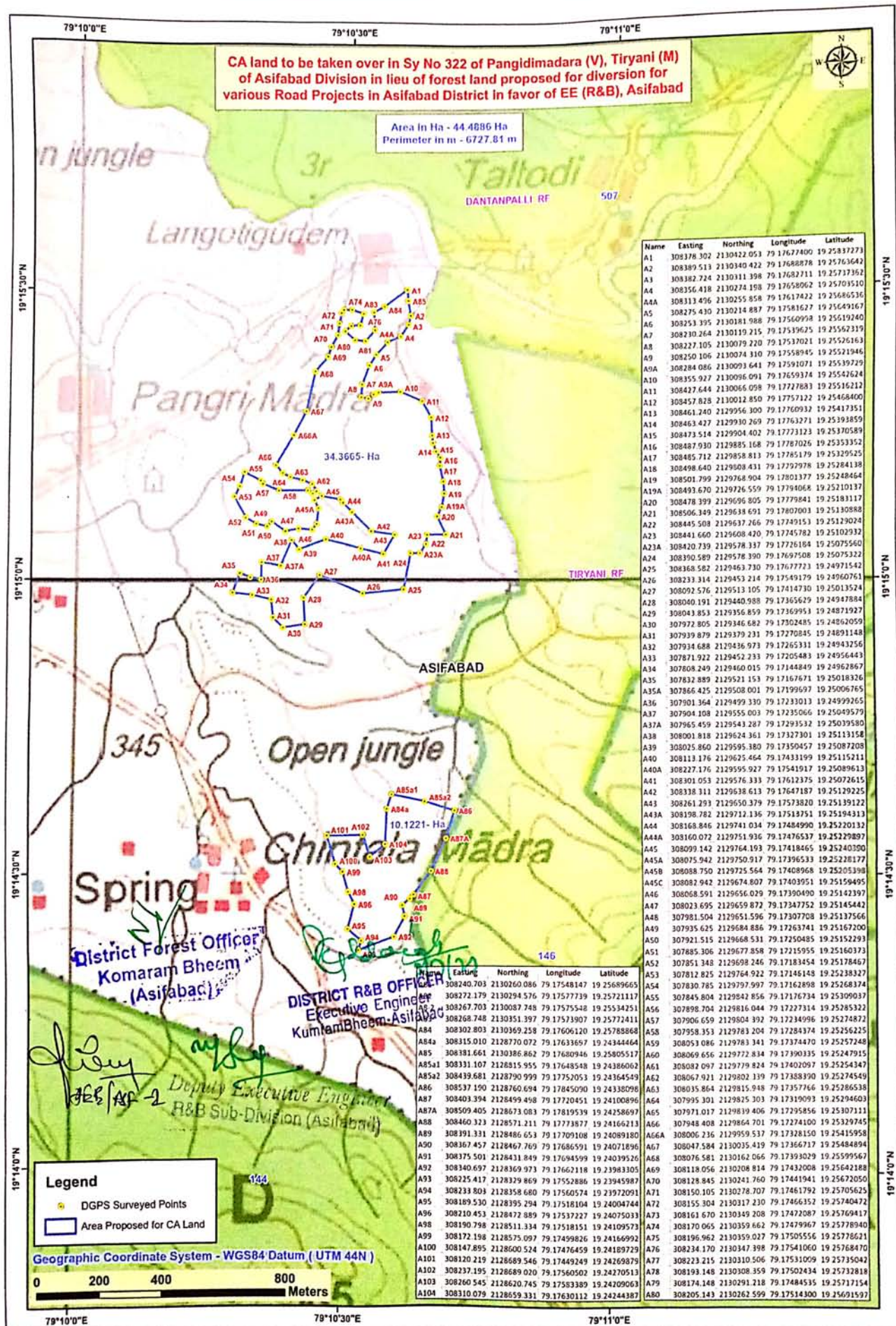
0 150 300 600 Meters

79°10'30"E

79°11'0"E

Id	Road Name	Area_ha
1	BT Road from Sirpur to Methindani	8.6142
2	BT Road from Raghavapur to Govena	1.7440
3	BT Road from Govena to Jamuldhara	3.4120
4	BT Road from Kereguda to Dampur	4.0700
5	BT Road from Gundala to Mangi	3.9000
6	BT Road from Kamana to Sarkepalli	0.5210
7	BT Road from Vanjariguda to Geethabanda	1.0180
8	BT Road from Movad to Chorpalli	5.1389
9	BT Road from Movad to Koutan Movad	1.4190
10	BT Road from Sirpur(U) to Devudpally	0.3270
11	BT Road from Pangidi to Madhura Thanda	2.9830
12	Construction of road from Dimda to Chittam and two HLB at Km 4/850 and Km 5/340	3.2910
13	BT Road from Kammergaon to Nandigaon	2.1948
14	BT Road from Karji to Loha	2.4746
15	Kazipet to Ballarsha Section	2.3495
	Total	43.4570
	Remaining Balance Area	37.9741
	Grand Total	81.4311







Government of Telangana  
Forest Department

From  
Sri Neeraj Kumar Tibrewal, I.F.S.,  
District Forest Officer,  
Kumuram Bheem-Asifabad.

To  
The Principal Chief Conservator of Forests (FCA),  
O/o the Principal Chief Conservator of Forests,  
Aranya Bhawan, Saifabad, Hyderabad.

**Re. No. 1577/2020/S 4, Dated: 05.07.2023.**

Sir,

Sub:- TSFD- F(C) Act, 1980- Diversion of 72.9689 ha of forest land for (19) road projects of R&B Department in Asifabad District- DGPS survey conducted for non-forest land for CA & DGPS Raw data verified and Authenticated- Project wise split CA Map communication-Report on Non-Forest CA Land in Sy. No. 322 of Pangidimadra village of Tiryani Mandal for Compensatory Afforestation purpose- REVISED CA scheme for Non-Forest Land and Degraded Forest Land—Submitted for vetting— Regarding.

- Ref:- 1. Prl.C.C.F., TS Hyd, Rc.No. 6465/2018/ FCA-2, Dt: 28-09-2020.  
2. F.D.O. Asifabad Rc.No.1866/2020/S10, Dt: 16.10.2020, 31.10.2020, 16.11.2020 & 23.01.2021.  
3. Collector & District Magistrate, KB-Asifabad Lr.No.E2/1278/2020, Dt: 25.02.2021.  
4. EE (R&B) Division, KB-Asifabad Lr.No.DB/EE/Asifabad/R&B/2020-21, Dt: 13.02.2021.  
5. Prl.C.C.F., TS Hyd, Rc.No. 6465/2018/-FCA-2, Dt: 25.03.2021.  
6. F.D.O. Asifabad Rc.No.1866/2020/S10, Dt: 08.04.2021, 24.05.2021, 13.07.2021, 29.07.2021.  
7. F.R.O., Ginnedhary, Rc.No.27/GDY/202122, Dt: 07.08.2021.  
8. District R&B Officer ( Executive Engineer), KB-Asifabad Lr.No.DB/EE/Asifabad/R&B/2020-21/01, Dt: 08.02.2021 ( addressed to the Prl.C.C.F., Aranya Bhawan, Hyderabad).  
9. F.D.O. Asifabad Rc.No.1866/2020/S10, Dt:28.08.2021 ( mail Dt: 29.08.2021)  
10. Prl.C.C.F., TS Hyd, Rc.No. 6465/2018/ FCA-2, Dt:12.10.2021.  
11. F.D.O. Asifabad Rc.No.1866/2020/S10, Dt:28.10.2021.  
13. Vetted CA Scheme by Head Office, mail Dt: 29.10.2021.  
14. Prl.C.C.F., TS Hyd, Rc.No. FC2/FC09/2/2022/15854/2020/FCA-1, Dt:02.07.2023.

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It is submitted that, the Principal Chief Conservator of Forests (HoFF) Telangana, Hyderabad vide reference cited 14<sup>th</sup> cited has communicated the project wise split CA DGPS map for the non-forest land for C.A. **44.4886 ha**, identified in Sy.No.322 of Pangidimadara (v), Tiryani (M) of Asifabad and Kagaznagar Division ( for 15 roads) each project wise the details are as follows.

Sl No	Circle	District	Name of the Proposals	CA land required in Ha
1	Adilabad	KB-Asifabad	Sirpur to Methandani	8.6142
2	Adilabad	KB-Asifabad	BT Road from Raghavapur to Govena	1.744
3	Adilabad	KB-Asifabad	BT Road from Govena to Jamuldhara	3.412
4	Adilabad	KB-Asifabad	BT Road from Kereguda to Dampur	4.1077
5	Adilabad	KB-Asifabad	BT Road from Gundala to Mangi	3.9
6	Adilabad	KB-Asifabad	BT Road from Kamana to Sarkepalli	0.521
7	Adilabad	KB-Asifabad	BT Road from Vanjariguda to Geethabanda	1.018
8	Adilabad	KB-Asifabad	BT Road from Movad to Chorpalli	5.139
9	Adilabad	KB-Asifabad	BT Road from Movad to Koutan Movad	1.419
10	Adilabad	KB-Asifabad	BT Road from Sirpur (U) to Devudpally	0.327
11	Adilabad	KB-Asifabad	BT Road from Pangidi to Madhura Thanda	2.983
12	Adilabad	KB-Asifabad	HLB on Dimda to Chittam at km 4/850 km 5/340	3.291
13	Adilabad	KB-Asifabad	Kazipet to Ballarsha Section	2.3495
14	Adilabad	KB-Asifabad	BT Road from Kammergaon to Nadigaon	2.1948
15	Adilabad	KB-Asifabad	BT Road from Karji to Loha	2.4746
			<b>Total- A</b>	<b>44.4886</b>

In view of the above, I am submitting herewith the **Revised** CA scheme for vetting ( for 15 Roads projects) for Non-Forest CA Land (NFL) for 45.00 Ha and CA scheme for Development of Degraded Forest Land (DFL) for 45.00 Ha of Kumuram Bheem-Asifabad District in lieu of Diversion of Forest land for Road projects in Asifabad & Kaghaznagar Divisions of Kumuram Bheem-Asifabad District pertains to R&B Department and requested to kindly approval of the above scheme of Kumuram Bheem-Asifabad District.

Sl No	Name of the Scheme	Area in Ha	Amount in lakhs
1	CA scheme for Non-Forest CA Land for 45.00 Ha in Sy. No. 322 of Pangidimadra village of Tiryani Mandal of Ginnedhary Range Asifabad Division	45.00	449.021
2	CA scheme for Development of Degraded Forest Land for 45.00 Ha in Compt. No. 55 of Itikalpahad Beat of Makidi Section of Sirpur Range of Kaghaznagar Division	45.00	356.447
	<b>Total</b>		<b>805.468</b>

This is submitted for favour of kind information.

Yours faithfully,

District Forest Officer.  
KB-Asifabad

Copy submitted to the Chief Conservator of Forests & Field Director Project Tiger. Kawal Tiger Reserve, Mancherla for kind information.

Copy to the Forest Divisional Officer, Asifabad for information.

District Forest Officer.  
KB-Asifabad



## CA SCHEME

CA scheme for Non Forest Land (NFL) for 44.4886 Ha in Pangidimadara (v), Tiryani (M) of Ginnedhary Range of Asifabad Division and Development of Degraded Forest Land (DFL) for 45.00 Ha in Kaghaznagar Division in lieu of Diversion of Forest land for (15) roads projects in Asifabad & Kagaznagar Divisions of Kumuram Bheem-Asifabad District under LWE roads of Roads & Building (R&B) Department.

A) Detail of Compensatory Afforestation land(NFL)

Area: 44.4886 Ha

Sy.No: 322

Village: Pangidimadara (v),

Mandal: Tiryani

Range: Ginnehdary

Division: Asifabad

District :Kumram Bheem Asifabad

Circle : Kawal Tiger Reserve Mancheria

B) Detail of Degraded Forest Land (DFL):

Area: 45.00

Compt No. 55

Beat: Itikalpahad

Mandal: Sirpur (T) & Section : Makidi

Range: Sirpur

Division: Kaghaznagar

District :Kumram Bheem Asifabad

Circle : Kawal Tiger Reserve Mancheria

CA scheme for Non Forest Land (NFL) for 44.4886 Ha in Sy.No. 322 of Pangidimadara village of Tiryani Mandal of Ginnedhary Range of Asifabad Division and Development of Degraded Forest Land (DFL) for 45.00Ha in Kaghaznagar Division in lieu of Diversion of Forest land for (15) roads projects in Asifabad and Kaghaznagar Divisions of Kumuram Bheem-Asifabad District under LWE of Roads & Buidlings ( R&B) Department.

#### 1.0 INTRODUCTION:

The Principal Chief Conservator of Forests, (HoFF) Telangana, Hyderabad vide Rc.No. FC2/FC09/2/2022/15854/2020/FCA-1, Dt:02.07.2023 has requested to prepare CA scheme over 44.4886 Ha for Non-forest land in Sy.No. 322 of Pangidimadara village of Tiryani Mandal of Ginnehdary Range of Asifabad Division in lieu of Diversion of Forest land for (15) roads projects in Asifabad and Kaghaznagar Divisions of Kumuram Bheem-Asifabad District under LWE of Roads & Buidlings ( R&B) Department of Kumuram Bheem-Asifabad District.

Sl No	Circle	District	Name of the Proposals	CA land required in Ha
1	Adilabad	KB-Asifabad	Sirpur to Methandani	8.6142
2	Adilabad	KB-Asifabad	BT Road from Raghavapur to Govena	1.744
3	Adilabad	KB-Asifabad	BT Road from Govena to Jamuldhara	3.412
4	Adilabad	KB-Asifabad	BT Road from Kereguda to Dampur	4.1077
5	Adilabad	KB-Asifabad	BT Road from Gundala to Mangi	3.9
6	Adilabad	KB-Asifabad	BT Road from Kamana to Sarkepalli	0.521
7	Adilabad	KB-Asifabad	BT Road from Vanjariguda to Geethabanda	1.018
8	Adilabad	KB-Asifabad	BT Road from Movad to Chorpalli	5.139
9	Adilabad	KB-Asifabad	BT Road from Movad to Koutan Movad	1.419
10	Adilabad	KB-Asifabad	BT Road from Sirpur (U) to Devudpally	0.327
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12	Adilabad	KB-Asifabad	HLB on Dimda to Chittam at km 4/850 km 5/340	3.291
13	Adilabad	KB-Asifabad	Kazipet to Ballarsha Section	2.3495
14	Adilabad	KB-Asifabad	BT Road from Kammergaon to Nadigaon	2.1948
15	Adilabad	KB-Asifabad	BT Road from Karji to Loha	2.4746
			<b>Total- A</b>	<b>44.4886</b>

The Non-Forest land identified in Sy.No. 322 of Pangidimadara village of Tiryani Mandal of Ginnehdary Range of Asifabad Division is adjacent to compartment numbers. 146 of Tiryani R.F of Ginnedhary Range. The most of the area is covered with hard soil, boulders and mixed with sheetrock. The terrain is undulated and hillock area and the land is adjacent to compartment no. 146 of Chintalamadara Beat. The land is free from encroachments. It is classified as Non-Forest in village records. The land is in a compact block and in close proximity of Reserve Forest area of Tiryani R.F. The CA land now

proposed has not been proposed or recommended to any other assignment or alternate land for any other project of any department. The existing vegetation is 0.1 to 0.4 with good vegetation consists mainly of Teak (*Tectona grandis*), Moduga (*Butea Monosperma*), Bilugu, Tapsi, Tani (*Terminalia bellarica*) Nemalinara (*Holoptelia integrifolia*), Nallamaddi (*Terminalia elliptica*), Andugu and Kanuga (*Pongamia pinnata*).

In view of the above, Handbook of guidelines for effective and transparent implementation of the provisions of Forest (Conservation) Act, 1980 vide Govt. of India vide GOI, MoEF New Delhi F. No. 5-2/2017- FC, Dt: 28.03.2019 in chapter-2 for Compensatory Afforestation (CA) in 2.4 clarifications is as follows.

- (v) Any non-forest land for the purpose of Compensatory Afforestation (CA), selected by the State Government, in lieu of forest land to be diverted may be accepted by MoEF&CC irrespective of crown density. All such lands shall be mutated in favour of State forest department and declared as protected forest prior to stage I approval.
- (vi) State Government shall prepare a CA scheme with 1000 plants per ha for all such non-forest lands. In case it is not possible to raise plantation at the rate of 1000 plants per ha on the selected non-forest land, then the balance plants shall be planted on degraded forest land as per working plan prescriptions. All forest lands which have crown density below 40 percent should only be treated as degraded forest land for the purpose of CA.
- (vii) Any degraded forest land for the purpose of CA, selected by State Government may be accepted by MoEF&CC only if the crown density of the area is below 40 percent.

Since, identified Non-forest land is having good vegetation and most of the area is covered with hard soil, boulders and mixed with sheetrock & the terrain is undulated and hillock area, there is no area suitable for taking up planting hence the area could not be taken up for planting activity, and hence it is proposed to raise the CA Plantation in the Degraded Forest Land (DFL) with 1000 plants per ha in Compt. No. 55 of Itikalpahad Beat of Makidi Section of Sirpur Range of Kaghaznagar Division of Garlapet R.F. However the identified non-forest land to an extent of **44.4886 Ha** is proposed to be protected by erecting chain link fencing, boundary pillars and SMC works i.e., SCTs etc., and by taking up cultural operations and fire management works.

- 1) **Compensatory Afforestation:** It is proposed to raise CA in the area to be taken over from Revenue Authorities i.e. the Government land in **44.4886 Ha**, most of the area is covered with hard soil, boulders and mixed with sheetrock & the terrain is undulated and hillock area, and Protection and SMC like, staggered trenches, singling & coppicing are proposed. The proposals have been prepared to take up under ANR method, Coppicing and Singling of the existing valuable species like



long rotation high value timber species and the details of Compensatory Afforestation scheme proposals are as follows.

**Non-Forest Land Area:**

S No	Sy No	Village	Mandal	Range	Area in Ha.	Name of the adjacent RF	Distance from RF to land
1	322	Pangidimadara village	Tiryani	Ginnedhary	44.4886	Tiryani RF	Adjoining to Tiryani RF

**Degraded Forest Land Area:**

SL No	Division	Compt. No	Beat	Section	Range	Area in Ha.	Name of the RF
1	Kaghaznagar	55	Itikalpahad	Makidi	Sirpur	45.00	Garlapet RF.

The Compensatory Afforestation for Non-Forest Land scheme is prepared over an area of 44.4886 Ha and for Degraded Forest Land over an area of 45.00 Ha of basing on the Forest Schedule of Rates for the year 2023-24 of Zone-II with an escalation of 10% for 2023-24 and with an annual escalation of 10% for the subsequent years, provided the funds are to be deposited and released during the year 2023-24.

**2.0 AIMS AND OBJECTIVES:**

The objectives of the scheme are as follows.

- 2.1 To create small timber and fuel wood resources to meet the needs of the local public.
- 2.2 To reduce pressure on the already depleted resource requirements of small timber, fuel and fodder of local tribal people.
- 2.3 To fulfill broader objective of sustainable environmental conservation for the general good of the people.

To fulfill the above objectives, it is proposed to take-up the Afforestation over an area which is equivalent to the area proposed for diversion for non-forestry purpose. Non-forest area of 44.4886 Ha to be taken up under ANR and other forestry operation works and Degraded Forest area of 45.00 Ha is identified for CA. The plantations in 45.00 Ha DFL will be taken-up with the species like Teak, Gummadi Teak, Nalla Maddi, Somi, Narepa, Rose Wood etc., and with fuel wood, fodder and locally suitable NTFP species.

**3. ELEMENTS OF THE PROJECT**

- 3.1. Details of the lands identified for raising Compensatory Afforestation are as follows.

**Non Forest Land Area:**

Sl. No.	Division	Range	Mandal	Village & Sy.No	Near RF	Near Compt. No.	Area in Ha.
1	Asifabad	Ginnedhary	Tiryani	Pangidimadara (v) & 322	Tiyani	146	44.4886

**Degraded Forest Land Area:**

SL No	Division	Compt. No	Beat	Section	Range	Area in Ha.	Name of the RF
1	Kaghaznagar	55	Itikalpahad	Makidi	Sirpur	45.00	Garlapet

**3.2 NAME OF THE SCHEME**

Compensatory Afforestation scheme over 44.4886 Ha of Non Forest Land in Sy.No. 322 of Pangidimadara village of Tiryani Mandal of Ginnedhary Range of Asifabad Division of Kumram Bheem Asifabad District in lieu of Diversion of Forest land for (15) roads projects in Asifabad and Kaghaznagar Divisions of Kumuram Bheem-Asifabad District under LWE of Roads & Buidlings (R&B) Department of Kumuram Bheem-Asifabad District.

**3.3 SITUATION**

The proposed Compensatory Afforestation over area of 44.4886 Ha is situated adjacent to the RF Tiryani, near Compt. No. 146 of Ginnedhary Range, Tiryani Mandal of Asifabad Division and not fit for raising of CA Plantations, hence a Degraded Forest Land to an extent of 45.00 Ha is identified for taking up plantation with 3mx3m espacement in Compt. No. 55 of Itikalpahad Beat of Makidi Section of Sirpur Range of Kaghaznagar Division of Garlapet RF.

**3.4 GEOLOGY**

The geology of the area proposed for Compensatory Afforestation is Gondwana formation supporting mixed forests.

**3.5 SOIL**

The soil of the area proposed for Compensatory Afforestation is most of the area is covered with hard soil, boulders and mixed with sheetrock & the terrain is undulated and hillock area.

**3.6 CLIMATE :**

The climate is fairly dry with very hot summer and cool winters. During summer, the temperature rises up to 47<sup>0</sup> Centigrade. Summer and winter are separated by prolonged rainy season. The area is served by South-West Monsoon. However Cyclonic rains are common during October - December.

**3.7 RAINFALL :**

Rainfall is mostly from the Southwest monsoon. Cyclonic rains during October-December is quite common. Average annual rainfall is 1051 mm.

**3.8 EXISTING VEGETATION:**

The NFL area is having good vegetation with miscellaneous and forest species about 0.1 to 0.4 density.

**3.9 AGENCY RESPONSIBLE FOR AFFORESTATION:**

The Afforestation programme will be implemented by the Telangana Forest Department through the Forest Divisional Officer, Asifabad and Kaghaznagar.

**3.10 DETAILS OF WORK SCHEDULE PROPOSED FOR COMPENSATORY AFFORESTATION**

The details of work schedule proposed for compensatory Afforestation year wise is as follows.

Year	Proposed works
2023-24	1) Nursery infrastructure. Maintenance of vehicles & improvements / Maintenance of Offices
2024-25	1) Protection works of NFL with Boundary pillars & Fencing with chainlink 2) Cultural operations & SMC works. 3) Purchase of bag plants and Conversion of Nursery 4) Nursery Infrastructure 5) Advance Operations for Plantation. 6) Animal trackers 7) SMC works. 8) Digging of CPT along DFL area 9) Base camp



2025-26	1) Protection works of NFL with Boundary pillars 2) Maintenance of Fire Lines 3) SMC works for NFL 4) Purchase of bag plants and Conversion of Nursery 5) Maintenance of Nursery 6) Raising of Plantations 7) Animal Trackers 8) Stabilization of CPT 9) Base camp
2026-27	Cultural Operations. Base camp Maintenance of New Fire Lines Maintenance of Nursery 1 <sup>st</sup> Year maintenance of plantation Animal trackers
2027-28	2 <sup>nd</sup> Year maintenance of plantation Animal trackers Maintenance of Fire Lines Base camp
2028-29	3 <sup>rd</sup> Year maintenance of plantation Cultural Operations. Maintenance of Fire Lines Animal trackers Base camp
2029-30	4 <sup>th</sup> Year maintenance of plantation Maintenance of Fire Lines Animal trackers
2030-31	5 <sup>th</sup> Year maintenance of plantation Cultural Operations. Maintenance of Fire Lines Animal trackers
2031-32	6 <sup>th</sup> Year maintenance of plantation Maintenance of Fire Lines Animal trackers
2032-33	7 <sup>th</sup> Year maintenance of plantation Cultural Operations. Maintenance of Fire Lines Animal trackers
2033-34	8 <sup>th</sup> Year maintenance of plantation Maintenance of Fire Lines
2034-35	9 <sup>th</sup> Year maintenance of plantation Cultural Operations. Maintenance of Fire Lines
2035-36	10 <sup>th</sup> Year maintenance of plantation Maintenance of Fire Lines

**3.11 COST STRUCTURE:**

Compensatory Afforestation scheme for **Rs. 805.47 lakhs** is prepared. The year wise expenditure will be as hereunder.

Sl No	Year	Amount in Lakhs		
		NFL	DFL	Total
1	2023-24	23.97	0.00	23.97
2	2024-25	334.38	89.28	423.66
3	2025-26	45.53	114.54	160.08
4	2026-27	5.41	42.59	47.99
5	2027-28	4.45	26.97	31.42
6	2028-29	5.96	16.19	22.15
7	2029-30	2.60	17.81	20.41
8	2030-31	4.44	10.95	15.39
9	2031-32	3.03	2.40	5.44
10	2032-33	5.26	13.25	18.51
11	2033-34	3.56	2.91	6.46
12	2034-35	6.24	16.03	22.28
13	2035-36	4.19	3.52	7.71
	<b>Total</b>	<b>449.02</b>	<b>356.45</b>	<b>805.47</b>

This scheme will be monitored through the machinery of Forest Department at various levels.

**4.0 SCHEME COMPONENT:**

The area identified for Compensatory Afforestation is 44.4886 Ha is most of the area is covered with hard soil, boulders and mixed with sheetrock & the terrain is undulated and hillock area with having good vegetation. It is proposed to protect the area by Chain link fence by user Agency and SMC works i.e., SCTs etc., and by takingup cultural operations and fire management works. It is also proposed to take up Afforestation planting over an area of 45.00 Ha in DFL under Semi Mechanical Method in 3mx3m espacement with NTSHW species and with fuel wood, fodder and locally suitable NTFP species. The plantation would be maintained for (10) years after planting.

**4.1 COST STRUCTURE OF PLANTATIONS :**

The cost structure of Compensatory Afforestation including the cost structure for various components of raising and maintenance of planting stock and the plantation is appended.



**4.2 PROVISION OF FUNDS :**

The funds for the Compensatory Afforestation have to be deposited by the user agency in favour of Telangana Forest Department by following due procedure through e-payment method by generating the Challan from the Ministry's web portal ([www.forestsclearance.nic.in](http://www.forestsclearance.nic.in)). These funds will be utilized by the Forest Divisional Officer, Asifabad & Kaghaznagar for raising nurseries, plantations and their maintenance as per the detailed annual plan after obtaining the approval and funds from the competent authority.

**5.0 PLANTING TARGETS AND STAFF REQUIREMENT :**

The DFL area identified for the Compensatory Afforestation to an extent of **45.00 Ha** of Kaghaznagar Division, the details as follows.

SL No	Division	Compt. No	Beat	Section	Range	Area in Ha.	Name of the RF
1	Kaghaznagar	55	Itikalpahad	Makidi	Sirpur	45.00	Garlapet

**5.1 OFFICE EXPENSES AND CONTINGENCIES RECURRING:**

The amount proposed towards office expenses, contingent expenses are appended

**5.2 CAPITAL EXPENDITURE NON – RECURRING**

No amount is proposed towards non-recurring expenditure.

**5.3 SCHEME PERIOD :**

This scheme will be implemented over a period of (13) years commencing from 2023-24 The details of cash flow required for the entire project period for recurring and non recurring expenditure is furnished in annexure.

**5.4 DETAILS OF PROPOSED MONITORING MECHANISM:**

The Forest Divisional Officer, Asifabad & Kaghaznagar and District Forest Officer, Kumram Bheem-Asifabad & the Chief Conservator of Forests & Field Director Project Tiger, Kawal Tiger Reserve, Mancherla shall monitor the implementation of the conditions of Compensatory Afforestation and the survival of the plants planted.

  
District Forest Officer,  
KB-Asifabad

Receipt No : 2084522(5)/2023/FCA SECTION-PCCF

Year-wise detailed Abstract of CA scheme for Non Forest Land (NFL) for 45.00 Ha in Sy.No. 322 of PANGIDIMADARA village of Tryant Mandal of Asifabad Division of Kumaram Bheem-Asifabad District in lieu of Division of Forest Land for (14) Road projects in Asifabad & Kaghaznagar Divisions of Kumaram Bheem-Asifabad District under LWE Scheme of R & B Department.

Item of Work	Phy	Unit Cost- 24(Rs.)	2023-24			2024-25			2025-26			2026-27			2027-28			2028-29			
			Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
	Cultural Operations																				
	Singling and Coppicing to existing growth																				
	Formation of New Fire Lines of 5.00 M width (03.01.04)																				
	KM	9705	0.000	10676	0.000	15.000	11743	1.761		2045.00		45.00	2249.50	1.01228		2474.45		45.00	2721.90	1.22485	
	KM	6386	0	7025	0.000	0.000	7727	0.000	15.000	8500	1.275	15.000	9350	1.402	15.000	10285	1.543	15.000	11313	1.697	
	LS	1500000	1	1500000	15.000																
	Sub Total:				15.000			2.598			1.275			2.415			1.543			2.922	
SAC Works																					
	Construction of Check Dams																				
	No	600000		660000		2.00	726000	14.52	2	798600	15.97										
	No	200000		220000		3	242000	7.26	5	266200	13.31										
	No	50000		55000		5	60500	3.03	5	66550	3.33										
	Sub Total:				0.000			24.805			32.610			0.000			0.000			0.000	
Protection																					
	Construction of boundary pillars @ 40 m interval																				
	No's	10000		11000	0.000	178	12100	21.478	0	13310	0.000										
	km	2200000		2420000	0.000	7.10	2662000	189.062													
	No	800000		880000	0.000	1	968000	9.680													
	Sub Total:				0.000			220.2			0.000			0.000			0.000			0.000	
Nursery activities ( including casualities)																					
	Purchase of Gachakaya Bag Plants of size 6"x8" for Planting on di trench done by user agency																				
	Plant	10.000	19250	11.000	2.118	0.00	12.10	0.000	0	13.31	0.000										
	Plant	9.773		10.750		7100	13.01	0.924	0.00	14.31	0.000	0	15.74	0.000							
	Sub Total:				2.118			0.924			0.000			0.000			0.000			0.000	
Nursery Infrastructure																					
	Nursery Infrastructure																				
	LS					0.000	0	LS	0.000		0.000			0.000			0				
	Sub Total:					0.000			0.000			0.000			0.000			0.000		0.000	
Planting activities ( LI method) - (3m x3m) -																					
	Stabilization of Gachakaya Seedlings																				
	Ha	47700	7.00	52470	3.673	7.10	57717	4.098													
	Ha	47700		52470	0.000	0.00	57717	0.000	7.10	63489	4.508										
	Sub Total:				3.673			4.098			4.508			0.000			0.000			0.000	
Misc - Infrastructure & Admin. Charges																					
	Monitoring and Awareness - Publicity																				
	LS							2.00000			2.00000						2.000			2.000	
	I	4000000	0	4400000	0.000	1	4840000	48.400		5321000	0.000			5856400	0.000		6442040	0.000		7086244	
	Sub Total:				1.000			1.000			1.000			0.560			0.560			0.560	
	Sub Total:				1.000			51.400			3.000			2.500			2.500			2.500	
	Total:				21.790			303.984			41.392			4.915			4.915			5.422	
					2.179			30.398			4.139			0.491			0.491			0.542	
					23.969			334.38			45.531			5.406			4.447			5.964	
Administrative cost 10% over core activities																					
Grand Total																					



Receipt No : 2084522(5)/2023/FCA SECTION-PCCF

Year-wise detailed Abstract of CA scheme for Non Forest Land (NFL) for 45.00 Ha in Sy.No.322 of PANGIDIMADARA village of Tiryani Mandal of Asifabad Division of Kumram Bheem-Asifabad District in lieu of Diversion of Forest land for (14) Road projects in Asifabad & Kaghaznagar Divisions of Kumram Bheem-Asifabad District under LWE Scheme of R & B Department.

Item of Work	2029-30			2030-31			2031-32			2032-33			2033-34			2034-35			2035-36			Grand Total		
	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Fin	
2	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
ral Operations																								
ing and Coppicing to existing growth		2994.09		45.00	3293.50	1.48207		3622.85		45.00	3985.13	1.79331		4383.64		45.00	4822.01	2.16990				45.00		8.519
ation of New Fire Lines of 5.00 M width (03.01.04)																						15.00		1.761
ance of Fire Lines ( 5.00 mtr width) (03.04.05)	15.000	12445	1.867	15.000	13689	2.053	15.000	15058	2.259	15.000	16564	2.485	15.000	18220	2.733	15.000	20042	3.006	15.000	22046	3.307	165		23.627
Watch Tower																						1		15.000
Sub Total:			1.867		3.535			2.259			4.278			2.733		5.176		3.307						48.907
Works																								
raction of Check Dams																						4		30.492
raction of Percolation Tanks																						8		20.570
raction of Mini Percolation Tanks																						10		6.353
Sub Total:			0.000		0.000			0.000		0.000		0.000		0.000		0.000		0.000		0.000				57.415
ction																								
raction of boundary pillars @40 m interval																						178		21.478
on of Chain Link Fencing																						7		189.002
raction of Protection Camp																						1		9.680
Sub Total:			0.000		0.000			0.000		0.000		0.000		0.000		0.000		0.000		0.000				220.160
ry activities ( including casualities)																								
ase of Gachakaya Bag Plants of size 6"x8" for Planting on age done by user agency																						19250		2.118
ase of Gachakaya Bag Plants of size 6"x8" for Revisi of lization																						7100		0.924
Sub Total:			0.000		0.000			0.000		0.000		0.000		0.000		0.000		0.000		0.000				3.041
ry Infrastructure																								
ry Infrastructure																						0		0.000
Sub Total:			0.000		0.000			0.000		0.000		0.000		0.000		0.000		0.000		0.000				0.000
ing activities ( LI method) - (3m x3m) -																								
trization of Gachakaya Seedlings																						14.10		7.771
it																						7.10		4.508
Sub Total:			0.000		0.000			0.000		0.000		0.000		0.000		0.000		0.000		0.000				12.279
- Infrastructure & Admin. Charges																								
orning and Awareness - Publicity																								10.000
ity, supervizing and infrastructure of front line staff for monitoring of improvement of forests and wildlife	7794868	0.000		8574355	0.000		9431791	0.000		10771970	0.000		11412467	0.000		12553714	0.000		13809085	0.000				48.400
vements - Maintenance of Offices			0.500		0.500		0.500		0.500		0.500		0.500		0.500		0.500		0.500		0.500			8.000
Sub Total:			0.500		0.500		0.500		0.500		0.500		0.500		0.500		0.500		0.500		0.500			66.400
Total			2.367		4.035		2.759		4.778		3.233		5.676		3.807		408.201							
nstrative cost 10% over core activities			0.237		0.404		0.276		0.478		0.323		0.568		0.381		40.820							
Grand Total			2.603		4.439		3.035		5.256		3.556		6.244		4.188		449.021							

District Forest Officer,  
Kumram Bheem-Asifabad

## UNIT COST FOR MAINTENANCE OF BAG PLANTS (September to till disposal) (9x11) - FSR 2023-34

Sl. No.	FSR	Item of work	Unit	Quantity	As per FSR		Amount (Rs.)
					Rate (Rs.)	Per	
		<b>MAINTENANCE OF BAG NURSERY FROM SEPTEMBER TO TILL DISPOSAL</b>					
1	01.05.01	Watering plants for 10 m X 1 m size secondary bed	Bed/month	4	208.96	1	835.84
2	01.05.02	Shifting, grading and rearrangement in beds	Bed/weeding	1	290.16	1	290.16
3	01.05.04	<b>Cost of Protection:</b> One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Watcher/month	5	10846.93	100	542.35
		<b>Total</b>					<b>1668.35</b>
		<b>cost of each plant (500 Plants per bed)</b>					<b>3.3367</b>



District Forest Officer  
KB Asifabad



## UNIT COST FOR MAINTENANCE OF BAG PLANTS (April to August) FSR -2023-24

Sl. No.	FSR	Item of work	Unit	Quantity	As per FSR		Amount (Rs.)
					Rate (Rs.)	Per	
	01.04.00	MAINTAINANCE OF BAG PLANTS NURSERY UPTO PLANTING SEASON (APRIL TO AUGUST) for 10 m X 1 m size secondary beds (2600 Nos of 4" X 7" bags; 1700 Nos of 5" X9" bags ; 1100 Nos. of 6"X12" bags; 800 Nos. of 8"X12" bags; 400 Nos. of 10"x16" bags per bed)					
	01.04.01	Watering polybag secondary beds twice a day for 4 months					
1	a	Manually with rose spray or finely perforated nozzle attached to a hose pipe	Bed/month	4	338.27	1	1353.08
2	01.04.02	Weeding once during maintenance year	Bed/weeding	1	68.33	1	68.33
3	01.04.03	Shifting, grading and rearrangement in beds	Bed/shifting	2	290.16	1	580.32
4	01.04.05	Cost of foliar nutrient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from April to August	As per actuals	1	20.00	1	20.00
	01.04.06	Cowdung Slurry application (One can apply chemical foliar spray or apply cowdung slurry - not both)					
5	a	Cost and transportation of fresh cowdung	As per actuals	1	25.00	1	25.00
6	01.04.07	Weeding in the space between the beds, inspection path and surroundings of Nursery	Bed	1	34.19	1	34.19
7	01.05.04	Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Watcher/month	4	10846.93	100	433.88
8	01.04.09	Electricity charges			550.00		550.00
		<b>Total</b>					<b>3064.80</b>
9	01.04.08	Contingencies @ 5%					153.24
		<b>2021-22 Total</b>					<b>3218.04</b>
		<b>cost of each plant (500 Plants per bed)</b>					<b>6.4361</b>



District Forest Officer  
KB Asifabad

## UNIT COST FOR CONVERSION FROM 6"x8" to 9"x11" ( FSR -2023- 24 )

Sl. No.	FSR Code	Item of work	Unit	Quantity	As per FSR		Amount (Rs.)
					Rate (Rs)	Per	
		CONVERSION of Root Trainer plants or 4"x7" or 5"x9" bag-plants into higher size bags - to be done during September - October. At the time of conversion, the height of the plants should be at least above 0.45m in height (excluding the height of polybag).					
		Cost and Transport of ingredients for Potting Mixture: Red Soil, tank-silt / clayey soil, FYM in 2:1:1 ratio. To this soil mixture, 220 gm of Indophyll M-45, 4.5 kg of single super phosphate (SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per actuals.					
	01.03.21	Transportation of soil mixture ingredients					
		Distance up to 5 km					
1	h	(h) 6" x 8" to 9" x 11" bags ( 4.717 - 1.433 - 3.284 cum) ( 500 Bags per Bed)	No	500	1447.37	1000	723.69
	01.03.22	Transportation of soil mixture ingredients more than 5 km distance and upto 25 km distance					
2	i	(i) 6" x 8" to 9" x 11" bags ( 4.717 - 1.433 - 3.284 cum)	No	500	38.32	1000	19.16
	01.03.24	Preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture partially, tearing the polybag plants and repotting them inside bigger bags and filling the rest of bags; gently pressing the same with finger tips and arranging in beds of 10x1 m size (6"x12" size: 1100 bag plants / bed and 8"x12" size": 800 bag plants per bed)					
3	h	(h) 6" x 8" to 9" x 11" bags ( 4.717 - 1.433 - 3.284 cum)	No	500	2554.32	1000	1277.16
	01.03.31	Weeding the plants (1100 no. of 6"x12"bags; 800 no. of 8"x12" bags; and 400 no. of 10"x16" bags) from November - March: 2 weedings					
4		Weeding the plants (2 weedings)	Bed	2	68.33	1	136.66
5	01.03.32	Shifting, Grading and rearranging in secondary beds - One Grading in February	Bed	2	290.16	1	580.32
	01.03.33	Watering the plants manually twice a day (from November - March) with rose spray or finely perforated nozzle attached to a hose pipe.					
6	a	Manually with rose spray or finely perforated nozzle attached to a hose pipe	Bed	5	338.34	1	1691.70
	01.03.37	Cost of foliar nutrient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Oct.					35.00
7	01.05.04	Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Bed	4	10846.93	100	433.88
8		Cost of the ploythene bags					2500.00
9	01.03.39	Electricity charges					600.00
		Total					7997.56
10	01.03.38	Contingencies @ 5%					399.878
		Total for 500 plants					8397.44
		cost of each plant					16.7949

  
 District Forest Officer  
 KB Asifabad



## Unit cost for Stabilization of RF Block boundary ( CPT Bund stabilization) FSR 2023-24

Sl. No.	FSR Item No.	Nature of work	Area in Ha/Km. :		1.00	KM	Per	Amount
1	2	3	4	5	6	7	8	9
		First year operations in ANR areas						
1		STABILIZATION OF RF BLOCK BOUNDARY CONTINUOUS PERIPHERAL TRENCH MOUND: Planting on peripheral trench mound and adjacent strips are taken up with the objective of increasing the effectiveness of trench as a barrier for entry of grazing animals and spread of fire. Also by planting on the mound, the loose soil gets stabilized and increases the life-span of trench. The rationale of planting the edible wild fruit species is to enhance the food base of the monkeys and other wild animals. The species selected for planting may be Pithecolobium dulce, Terminalia bellirica, Careya arborea, Bridellia retusa, Phyllanthus emblica, Semecarpus anardium, Buchanania lanzan, Tamarindus indica, Ficus benghalensis, Ficus religiosa, Limonia acidissima, Syzygium cumini etc. All these plantings will be one time operation without further years' maintenance. The process includes following steps:						
	03.02.02	1) Planting of :- (A) 2 rows of Gachakaya (Caesalpinia bonduc) seedlings in 2 staggered rows in 1x1 m spacement (row to row 1 m and within the row 1 m spacing) on the outer slope of the trench mound; (B) 1 row of wild edible fruit species on the ridge line of the trench mound at 2 m apart; (C) bamboo (Dendrocalamus strictus) seedlings / rhizome(2-3 yr old) at 4 m apart in the middle of the inner slope of the mound; and (D) broadcasting of pretreated (overnight soaking in boiled water) Babul (Acacia nilotica) seeds inside trench @ 500gms per km by staff. (E) 15% extra over basic rates for revisiting areas only. The total planting points thus works out to be 2750 seedlings per km on trench mound.						
		Procurement of seedlings ( Gachakaya 2000+ Bamboo-250 + fruit species-500) ( 2750 +25 % casualities per Kms= 3437 Nos or <u>3450 Nos</u>	3450	Nos	5.50	1	Nos	18975
		(A) 2 rows of Gachakaya (Caesalpinia bonduc) seedlings in 2 staggered rows in 1x1 m spacement (row to row 1 m and within the row 1 m spacing) on the outer slope of the trench mound.						
		(a) Allignment & Stacking (in 2 staggered rows)	2000	Nos	94.82	100	Nos	1896
		(b) Cost of preparation of stakes (0.45 m length) and transportation to site	2000	Nos	65.94	100	Nos	1319
		(c) Digging of 30 cm <sup>3</sup> pits to be done during June	2000	Nos	5.64	1	No	11280
		(e) Transportation of seedlings (including loading and unloading) & Internal transport –						
		(iii) From nursery to plantation site - upto 5 Km lead (4"X7") bag plants	2000	Nos	44.88	100	Nos	898
		(iv) From nursery to plantation site - beyond 5 Km upto 25 km lead (4"X7") bag plants ( 20 Kms X 1.43 )	2000	Nos	33.00	100	Nos	660
		(g) Internal transportation of 4"X7" bag plants to planting points on Head loads	2000	Nos	47.38	100	Nos	948
		(h) Planting with 2.00 m apart in two row (1000 Nos. per km) and formation of saucer on lower slope to hold water.	2000	Nos	165.85	100	Nos	3317

Receipt No : 2084522(5)/2023/FCA SECTION-PCCF

Sl. No.	FSR Item No.	Nature of work	Quantity		Rate	Per		Amount
1	2	3	4	5	6	7	8	9
2		<b>(B) 1 row of wild edible fruit species on the ridge line of the trench mound at 2 m apart ( Bag Planting)</b>						
		(a) Alignment & Stacking	500	Nos	94.82	100	Nos	474
		(b) Cost of preparation of stakes (0.45 m length) and transportation to site	500	Nos	65.94	100	Nos	330
		(c) Digging of 30 cm <sup>3</sup> pits to be done during June	500	Nos	5.64	1	No	2820
		(e) Transportation of seedlings (including loading and unloading) & Internal transport –						
		(i) From nursery to plantation site – upto 5 Km lead - (4"x7") bag plants	500	Nos	44.88	100	Nos	224
		(ii) From nursery to plantation site - beyond 5 Km lead - for every extra km beyond 5 km upto 25 km ( 20 x 1.30=41.00 )	500	Nos	33.00	100	Nos	165
		(f) Internal transportation of 4"x7" bag plants to planting points on Head loads	500	Nos	47.38	100	Nos	237
		(h)Planting with 2 m apart in one row (500Nos. per km)	500	Nos	165.85	100	Nos	829
3		<b>(C) bamboo (Dendrocalamus strictus) seedlings / rhizome(2-3 yr old) at 4 m apart in the middle of the inner slope of the mound ( Bag planting)</b>						
		(a) Alignment & Stacking )	250	Nos	94.82	100	Nos	237
		(b) Cost of preparation of stakes (0.45 m length) and transportation to site	250	Nos	65.94	100	Nos	165
		(d) Digging of 45 cm <sup>3</sup> pits (50% of original rate) to be done during June	250	Nos	5.64	1	No	1410
		(e) Transportation of seedlings (including loading and unloading) & Internal transport –						
		(i) From nursery to plantation site – upto 5 Km lead - (6"x8") bag plants	250	Nos	44.88	100	Nos	112
		(ii) From nursery to plantation site - beyond 5 Km lead - for every extra km beyond 5 km upto 25 km ( 20 x 4.03=80.60 )	250	Nos	33.00	100	Nos	83
		(f) Internal transportation of 6"x8" bag plants to planting points on Head loads	250	Nos	47.38	100	Nos	118
		(h)Planting with 4 m apart in one row ( 250 Nos. per km)	250	Nos	165.85	100	Nos	415
4		<b>(D) broadcasting of pretreated (overnight soaking in boiled water) Babul (Acacia nilotica) seeds inside trench @ 500gms per km by staff</b>						0
		<b>Total</b>						<b>46911</b>

2023-24

P. KM

47700


 District Forest Officer  
KB Asifabad



Receipt No : 2084522(5)/2023/FCA SECTION-PCCF

Year-wise detailed Abstract of CA scheme for Development of Degraded Forest Land (DFL) for 45.00 Ha in Compartment No. 55 of Irakalpahad Beat of Makidi Section of Sirpur Range of Kaghaznagar Division of Kumuram Bheem-Asifabad District in lieu of Diversion of Forest land for Road projects in Asifabad & Kaghaznagar Divisions of Kumuram Bheem-Asifabad District under LWE Scheme of Roads & Building (R&B) Department.

Year-wise detailed Abstract  
Asifabad District

Sl. No	Item of Work	Phy	Unit Cost 2021-22 (Rs.)	2023-24			2024-25			2025-26			2026-27			2027-28			2028-29			2029-30		
				Phy	Unit Cost (Rs.)	Fin (Rs in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs in Lakhs)
1	2	3	4	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
	DEGRADED FOREST LAND (DFL) - 45.00 Ha																							
A	Nursery activities (including casualities)																							
1	Purchase of Bag Plants of size 6"x8"	Plant	10.000		11.000		60750	12.10	7.351	15188	13.31	2.021												
2	Conversion of bag plants from 6"x8" to 9"x11"	Plant	16.795		18.474		60750	20.32	12.345	15188	22.35	3.395												
3	Maintenance of Bag Plants of 9"x11"	Plant	9.773		10.750			13.01		60750	14.31	8.692	15188	15.74	9.50153									
	Sub Total:					0.000			19.696			14.109			9.562			0.000			0.000			0.000
	Nursery Infrastructure																							
4	Nursery Infrastructure	Ls			0.000	1	LS	15.000		5.000			0		0			0						
	Sub Total:				0.000			15.000		5.000			0.000		0.000			0.000			0.000			0.000
B	Planting activities (SMM) - (3m x3m) - 45.00 Ha																							
5	Advance Operations	Ha	45918			45.00	55561	25.002																
6	Raising of Plantation	Ha	112749						45.00	150069	67.531													
7	1st Year Maintenance	Ha	44252										45.00	64789	29.155									
8	2nd Year Maintenance	Ha	33833												45.00	54488	24.520							
9	3rd Year Maintenance	Ha	18459														45.00	32700	14.715					
10	4th Year Maintenance	Ha	18459																	45.00	35970	16.187		
11	5th Year Maintenance	Ha	10322																					
12	6th Year Maintenance	Ha	2060																					
13	7th Year Maintenance	Ha	10322																					
14	8th Year Maintenance	Ha	2060																					
15	9th Year Maintenance	Ha	10322																					
16	10th Year Maintenance	Ha	2060																					
	Sub Total:					0.000		25.002		67.531			29.155		24.520			14.715			16.187			
C	Forest Protection																							
17	Digging of CPT (1X1.5X1 Mt) along the DFL boundaries	Km	60000		66000	0.000	3.110	72600	2.258															
18	Stabilization of CPT	Km	47700		52470			57717	0.000	3.110	63489	1.974												
19	Construction of Mini Percolation Tanks	No	50000		55000		10	60500	6.050															
20	Construction of Check dams	No	600000		660000		2	726000	14.520	2	798600	15.972												
	Sub Total:					0.000		22.828		17.946			0.000		0.000			0.000			0.000			0.000
D	Administrative Cost - 10% over DFL Activities					0.000		6.753		9.959			3.872		2.452			1.472			1.619			
	Total of DFL					0.000		89.279		114.545			42.588		26.972			16.187			17.805			



Receipt No : 2084522(5)/2023/FCA SECTION-PCCF

t of CA scheme for Development of Degraded Forest Land (DFL) for 45.00 Ha in Compartment No. 55 of Itikalpabad Beat of Makidi Section of Sirpur Range of Kaghaznagar Division of Kumaram Bheem-  
t in lieu of Diversion of Forest land for Road projects in Asifabad & Kaghaznagar Divisions of Kumaram Bheem-Asifabad District under LWE Scheme of Roads & Building (R&B) Department.

Sl. No	Item of Work	2030-31			2031-32			2032-33			2033-34			2034-35			2035-36			Grand Total		
		Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)
1	2	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	44	45	46
	DEGRADED FOREST LAND (DFL) - 45.00 Ha																					
	A Nursery activities (including casualities)																					
1	Purchase of Bag Plants of size 6"x8"																			79938		9.372
2	Conversion of bag plants from 6"x8" to 9"x11"																			79938		15.741
3	Maintenance of Bag Plants of 9"x11"																			79938		18.254
	Sub Total:			0.000			0.000			0.000			0.000			0.000			0.000			43.367
	Nursery Infrastructure																					
4	Nursery Infrastructure																			1		20.000
	Sub Total:			0.000			0.000			0.000			0.000			0.000			0.000			20.000
	B Planting activities (SMM) - (3m x3m) - 45.00 Ha																					
5	Advance Operations																			45.00		25.002
6	Raising of Plantation																			45.00		67.531
7	1st Year Maintenance																			45.00		29.155
8	2nd Year Maintenance																			45.00		24.520
9	3rd Year Maintenance																			45.00		14.715
10	4th Year Maintenance																			45.00		16.187
11	5th Year Maintenance	45.00	22125	9.956																45.00		9.956
12	6th Year Maintenance				45.00	4856	2.185													45.00		2.185
13	7th Year Maintenance							45.00	26771	12.047										45.00		12.047
14	8th Year Maintenance										45.00	5876	2.644							45.00		2.644
15	9th Year Maintenance													45.00	32395	14.577				45.00		14.577
16	10th Year Maintenance																45.00	7110	3.200	45.00		3.200
	Sub Total:			9.956			2.185			12.047			2.644			14.577			3.200			221.720
	C Forest Protection																					
17	Digging of CPT (1X1.5X1.5M) along the DFL boundaries																			3.11		2.258
18	Stabilization of CPT																			3.11		1.974
19	Construction of Mini Percolation Tanks																			10.00		6.050
20	Construction of Check dams																			4.00		30.492
	Sub Total:			0.000			0.000			0.000			0.000			0.000			0.000			40.774
	D Administrative Cost - 10% over DFL Activities			0.996			0.219			1.205			0.264			1.458			0.320			30.59
	Total of DFL			10.952			2.404			13.252			2.909			16.035			3.519			356.447

  
District Forest Officer,  
Kumaram Bheem-Asifabad



## UNIT COST FOR MAINTENANCE OF BAG PLANTS (September to till disposal) (9x11) - FSR 2023-24

Sl. No.	FSR Code	Item of work	Unit	Quantity	As per FSR		Amount (Rs.)
					Rate (Rs.)	Per	
		<b>MAINTENANCE OF BAG NURSERY FROM SEPTEMBER TO TILL DISPOSAL</b>					
1	01.05.01	Watering plants for 10 m X 1 m size secondary bed	Bed/month	4	208.96	1	835.84
2	01.05.02	Shifting, grading and rearrangement in beds	Bed/weeding	1	290.16	1	290.16
3	01.05.04	<b>Cost of Protection:</b> One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Watcher/month	5	10846.93	100	542.35
		<b>Total</b>					<b>1668.35</b>
		<b>cost of each plant (500 Plants per bed)</b>					<b>3.3367</b>

  
 District Forest Officer  
 KB Asifabad

Receipt No : 2084522(5)/2023/FCA SECTION-PCCF

## UNIT COST FOR MAINTENANCE OF BAG PLANTS (April to August) FSR -2023-24

Sl. No.	FSR Code	Item of work	Unit	Quantity	As per FSR		Amount (Rs.)
					Rate (Rs.)	Per	
	01.04.00	MAINTAINANCE OF BAG PLANTS NURSERY UPTO PLANTING SEASON (APRIL TO AUGUST) for 10 m X 1 m size secondary beds (2600 Nos of 4" X 7" bags; 1700 Nos of 5" X9" bags ; 1100 Nos. of 6"X12" bags; 800 Nos. of 8"X12" bags; 400 Nos. of 10"x16" bags per bed)					
	01.04.01	Watering polybag secondary beds twice a day for 4 months					
1	a	Manually with rose spray or finely perforated nozzle attached to a hose pipe	Bed/month	4	338.27	1	1353.08
2	01.04.02	Weeding once during maintenance year	Bed/weeding	1	68.33	1	68.33
3	01.04.03	Shifting, grading and rearrangement in beds	Bed/shifting	2	290.16	1	580.32
4	01.04.05	Cost of foliar nutrient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from April to August	As per actuals	1	20.00	1	20.00
	01.04.06	Cowdung Slurry application (One can apply chemical foliar spray or apply cowdung slurry - not both)					
5	a	Cost and transportation of fresh cowdung	As per actuals	1	25.00	1	25.00
6	01.04.07	Weeding in the space between the beds, inspection path and surroundings of Nursery	Bed	1	34.19	1	34.19
7	01.05.04	<b>Cost of Protection:</b> One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Watcher/month	4	10846.93	100	433.88
8	01.04.09	Electricity charges			550.00		550.00
		<b>Total</b>					<b>3064.80</b>
9	01.04.08	Contingencies @ 5%					153.24
		<b>2021-22 Total</b>					<b>3218.04</b>
		<b>cost of each plant (500 Plants per bed)</b>					<b>6.4361</b>



District Forest Officer  
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## UNIT COST FOR CONVERSION FROM 6"x8" to 9"x11" ( FSR -2023-24 )

Sl. No.	FSR Code	Item of work	Unit	Quantity	As per FSR		Amount (Rs.)
					Rate (Rs)	Per	
		CONVERSION of Root Trainer plants or 4"x7" or 5"x9" bag-plants into higher size bags - to be done during September - October. At the time of conversion, the height of the plants should be at least above 0.45m in height (excluding the height of polybag).					
		Cost and Transport of ingredients for Potting Mixture: Red Soil, tank-silt / clay soil, FYM in 2:1:1 ratio. To this soil mixture, 220 gm of Indophyll M-45, 4.5 kg of single super phosphate (SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per actuals.					
	01.03.21	Transportation of soil mixture ingredients					
		Distance up to 5 km					
1	h	(h) 6" x 8" to 9" x 11" bags ( 4 717 - 1 433 - 3 284 cum ) ( 500 Bags per Bed)	No	500	1447.37	1000	723.69
	01.03.22	Transportation of soil mixture ingredients more than 5 km distance and upto 25 km distance					
2	j	(j) 6" x 8" to 9" x 11" bags ( 4 717 - 1 433 - 3 284 cum )	No	500	38.32	1000	19.16
	01.03.24	Preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture partially, tearing the polybag plants and repotting them inside bigger bags and filling the rest of bags; gently pressing the same with finger tips and arranging in beds of 10x1 m size (6"x12" size: 1100 bag plants / bed and 8"x12" size": 800 bag plants per bed)					
3	h	(h) 6" x 8" to 9" x 11" bags ( 4 717 - 1 433 - 3 284 cum )	No	500	2554.32	1000	1277.16
	01.03.31	Weeding the plants (1100 no. of 6"x12" bags; 800 no. of 8"x12" bags; and 400 no. of 10"x16" bags) from November - March: 2 weedings					
4		Weeding the plants (2 weedings)	Bed	2	68.33	1	136.66
5	01.03.32	Shifting, Grading and rearranging in secondary beds - One Grading in February	Bed	2	290.16	1	580.32
	01.03.33	Watering the plants manually twice a day (from November - March) with rose spray or finely perforated nozzle attached to a hose pipe.					
6	a	Manually with rose spray or finely perforated nozzle attached to a hose pipe	Bed	5	338.34	1	1691.70
	01.03.37	Cost of foliar nutrient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Oct.					35.00
7	01.05.04	Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Bed	4	10846.93	100	433.88
8		Cost of the polythene bags					2500.00
9	01.03.39	Electricity charges					600.00
		Total					7997.56
10	01.03.38	Contingencies @ 5%					399.878
		Total for 500 plants					8397.44
		cost of each plant					16.7949

District Forest Officer  
KB Asifabad

**Unit Cost for Advance Operations for Raising of N.T.S.H. Plantations 3m X 3m. (SMM)-FSR-2023-24**

Unit Rate per Ha					
FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	4	5	6	7
02.08.01	Survey with GPS (Only staff to carry out) (Staff to carryout GPS Survey. One manday is allowed for assistance)	1	441.77	Plantation	442
02.08.02	Clearing unsalable unwanted jungle growth				
	(a) Sparse Jungle growth (< 10% ground area covered with Jungle growth)	0.4	2455.33	Ha	982
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	0.4	3690.64	Ha	1476
	(c) Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO.	0.2	8670.61	Ha	1734
02.08.03	Uprootal of stumps				
	(a) Sparse Jungle growth (< 10% ground area covered with Jungle growth)	0.4	6586.65	Ha	2635
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	0.4	12748.32	Ha	5099
	(c) Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO.	0.2	16573.42	Ha	3315
02.08.04	Collection and Removal of uprooted stumps of all sizes				
	(a) Sparse Jungle growth (< 10% ground area covered with Jungle growth)	0.4	6709.72	Ha	2684
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	0.4	10647.59	Ha	4259
	(c) Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO.	0.2	12415.12	Ha	2483
02.08.05	Tilling the soil to a depth of 0.45 cm in the affected area				
a	Sparce jungle growth less than 10% ground area covered with jungle growth	1	20809.08	Ha	20809
	<b>Unit Rate for FSR 2021-22</b>				<b>45918</b>

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## Unit Cost for Raising of N.T.S.H. Plantations 3m X 3m. (SMM)-FSR-2023-24

Unit Rate per Ha					
Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	3	4	5	6
02.09.02	<b>Deep Ploughing</b> the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. <b>For untitled areas - Hard Soils</b>	1	6492.13	Ha	6492
02.09.01	Removing congestion of root suckers and other uprooted material hindering the effective ploughing	1	1257.61	1	1258
02.09.04	© Alignment and staking including laying base line for Misc species with espacement 3mX3m (1111 Nos)	1111	105.41	100	1171
02.09.05 (ii)	Cost of preparation of stakes ( 2.00 m length) and transportation to site.( Subject to condition that the seedling height is 1.5. to 2.00 M)	1111	1415.61	100	15727
02.09.06	© Digging of 45 cm cube size pits	1111	10.65	1	11832
	<b>Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading</b>				
02.09.07	upto 5 Km lead(20X30 cm (9"X11")bag plants)	1111	309.57	100	3439
02.09.08	5 Km to 25 Km lead(20X30 cm (9"X11")bag plants)	1111	10.88	100	121
	Internal transport of bag plants/root trainers to planting points on head loads.				
02.09.10	20X30 cm (9"X11")bag plants	1111	194.46	100	2160
02.09.11	Cost of SSP, Chloridine dust or Chloropyriphos	1111	2.00	1	2222
a	Application of 50gm of SSP per pit	1111	46.32	100	515
	<b>Planting Bag Plants</b>				
02.09.12	Planting in 45 cm <sup>3</sup> Pit	1111	516.09	100	5734
02.15.10	Cost of supporting stake of 2.5 m long sturdy and straight and minimum 10 cm girth at base	1111	1950.89	100	21674
02.09.14 (a & b)	Watering to the plants - 2 waterings	1111	624.92	100	6943
02.09.15	Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement for further maintenance)	50% of rate of original pitting rate during raising year and 100% during maintenance years. Planting, Transportation and internal transportation as prescribed above.			
	Pitting	222	5.33	1	1182
	Transportation Up to 5 Km + Beyond 5 Km)	222	320.45	100	711
	Internal Transportation	222	194.46	100	432
	Planting	222	516.09	100	1146
02.09.16	Cost of DAP @25gm / planting point	1111	2.00	1	2222
02.09.17	<b>Application</b> of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing.	1111	46.32	100	515
02.09.18	<i>Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June.</i>	1111	191.53	100	2128
02.09.19	Circular weeding cum Deep Soil working to a radius of 0.5m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec)	1111	890.24	100	9891
02.09.20	<b>Inter-ploughing</b> (during November) the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough	1	4045.91	1	4046
02.09.22	Uprootal of Mahaveera Weed	1	4306.88	1	4307
02.09.25	<b>Cost of Protection: One Watcher</b> is allowed for 10-30 ha. plantation; <b>One more Watcher</b> 10846.93 x 9 = 86895 /20	1	4881.12	Ha	4881
02.09.24	Contingencies provision for Raising of plantaitons: i) Fixing of Plantation Boards and Corner Stones ii) Contingencies and Miscellaneous (with in 5% of the estimate cost subject to ceiling of Rs. 5,000/-)				2000
	<b>Unit Rate for FSR 2021-22</b>				<b>112749</b>

District Forest Officer  
KB, Asifabad

## Unit Cost for 1st Year Maintenance of NTSH Plantation (3 m X 3 m) SMM per Ha -FSR-2023-24

Unit Rate per Ha					
FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	4	5	6	7
02.10.01	Replacement of Casualties 25% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no casualty replacement for further maintenance) - 25 % proposed	50% of rate of original pitting rate during raising year and 100% during maintenance years. Planting, Transportation and internal transportation as prescribed above.			
02.09.06	© Digging of 45 cm cube size pits -	278	10.650	1	2961
02.09.07	Transportation up 5km	278	309.57	100	861
02.09.08	Transportation beyond 5 Km (25 - 5 ) = 20 KM	278	10.88	100	30
02.09.10	Internal Transportation	278	194.46	100	541
02.09.12	Planting in 45 cm <sup>3</sup> Pit	278	516.09	100	1435
02.09.16	Cost of DAP @25gm / planting point	1111	1.00	1	1111
02.09.14 (a & b)	Watering to the plants - 2 waterings	1111	624.92	100	6943
02.09.17	Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. - 50% of rate	1111	46.32	100	515
02.10.02	Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June.	1111	191.53	100	2128
02.10.03	Circular weeding cum Deep Soil working to a radius of 0.5m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec)	1111	890.24	100	9891
02.10.04	Uprootal of Mahaveera	1	4306.69	Ha	4307
02.10.05	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough.	1	3391.73	Ha	3392
02.10.06	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	146.59	100	1629
02.10.09	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation;	1	6508	Ha	6508
02.10.08	Contingencies provision for Raising of plantaitons: i) Fixing of Plantation Boards and Corner Stones ii) Contingencies and Miscellaneous (with in 5% of the estimate cost subject to ceiling of Rs. 5,000/-)				2000
Unit Rate for 2021-22					44252

District Forest Officer  
KB Asifabad



**Unit Cost for 2nd Year Maintenance of NTSH Plantation (3m x 3m )SMM per Ha -  
FSR-2023-24**

Unit Rate per Ha					
FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	4	5	6	7
02.10.01	Replacement of Casualties 25% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no casualty replacement for further maintenance) - <b>20% proposed</b>	50% of rate of original pitting rate during raising year and 100% during maintenance years. Planting, Transportation and			
02.09.06	Digging of 45 cm cube size pits -	222	10.650	1	2364
02.09.07	Transportation up 5km	222	309.57	100	687
02.09.08	Transportation beyond 5 Km (25 - 5 ) = 20 KM	222	10.88	100	24
02.09.10	Internal Transportation	222	194.46	100	432
02.09.12	Planting in 45 cm <sup>3</sup> Pit	222	516.09	100	1146
02.09.14 (a & b)	Watering to the plants - 2 waterings	1111	624.92	100	6943
02.11.02	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	890.24	100	9891.00
02.11.03	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	146.59	100	1629.00
02.10.04	Uprootal of Mahaveera (60% of the area)	0.60	4306.69	Ha	2584
02.01.03	Formation of Sector Lines / Fire Lines to a width of 3 m by giving surface treatment (sector to be in conformity with slope direction ). All stumps to be cut to ground level.	100	7.25	Rmt	725
02.11.06	<b>Cost of Protection: One Watcher</b> is allowed for 10-30 ha. plantation;	1	6508	Ha	6508
02.11.05	Contingencies provision for Raising of plantaitons: i) Fixing of Plantation Boards and Corner Stones ii) Contingencies and Miscellaneous (with in 5% of the estimate cost subject to ceiling of Rs. 5,000/-)				900
	<b>Unit Rate for 2021-22</b>				<b>33833</b>

  
 District Forest Officer  
 KB Asifabad

## Unit Cost for 3rd Year Maintenance of NTS Plantation (3m x 3m ) SMM per Ha -FSR-2023-24

Unit Rate per Ha					
FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	4	5	6	7
02.11.02	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	890.24	100	9891
02.11.03	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	146.59	100	1629
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	430.54	100 Rmt	431
02.11.05	<b>Cost of Protection: One Watcher</b> is allowed for 10-30 ha. plantation;	1	6508	Ha	6508
	<b>Unit Rate for 2021-22</b>				<b>18459</b>

  
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## Unit Cost for 4th Year Maintenance of NTSH Plantation (3m x 3m ) SMM per Ha -FSR-2023-24

Unit Rate per Ha					
FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	3	4	5	6
02.11.02	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	890.24	100	9891
02.11.03	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	146.59	100	1629
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	430.54	100 Rmt	431
02.11.05	<b>Cost of Protection: One Watcher</b> is allowed for 10-30 ha. plantation;	1	6508.16	Ha	6508
<b>Unit Rate for 2021-22</b>					<b>18459</b>

  
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**Unit Cost for 5th Year Maintenance of NTSH Plantation (3m x 3m )SMM per Ha -FSR-2023-24**

Unit Rate per Ha					
FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	3	4	5	6
02.11.02	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted	1111	890.24	100	9891
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	430.54	100 Rmt	431
	<b>Unit Rate for 2021-22</b>				<b>10322</b>

  
 District Forest Officer  
 KB Asifabad



## Unit Cost for 6th Year Maintenance of NTSH Plantation (3m x 3m ) SMM per Ha -FSR-2023-24

## Unit Rate per Ha

FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	4	5	6	7
02.11.03	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	146.59	100	1629
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	430.54	100 Rmt	431
	Unit Rate for FSR 2021-22				2060

  
 District Forest Officer  
 KB Asifabad

## Unit Cost for 7th Year Maintenance of NTSH Plantation (3m x 3m ) SMM per Ha FSR-2023-24

Unit Rate per Ha					
FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	4	5	6	7
02.11.02	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted	1111	890.24	100	9891
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	430.54	100 Rmt	431
Unit Rate for FSR 2021-22					10322

  
 District Forest Officer  
 KB Asifabad



## Unit Cost for 8th Year Maintenance of NTSH Plantation (3m x 3m ) SMM per Ha -FSR-2023-24

Unit Rate per Ha					
FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	4	5	6	7
02.11.03	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	146.59	100	1629
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	430.54	100 Rmt	431
	<b>Unit Rate for FSR 2021-22</b>				<b>2060</b>

  
District Forest Officer  
KB Asifabad

## Unit Cost for 9th Year Maintenance of NTSH Plantation (3m x 3m )SMM per Ha -FSR-2023-24

## Unit Rate per Ha

FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	4	5	6	7
02.11.02	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence <b>25% of cost adopted</b>	1111	890.24	100	9891
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	430.54	100 Rmt	431
	<b>Unit Rate for FSR 2021-22</b>				<b>10322</b>

District Forest Officer  
KB Asifabad



## Unit Cost for 10th Year Maintenance of NTSB Plantation (3m x 3m ) SMM per Ha -FSR-2023-24

Unit Rate per Ha					
FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	4	5	6	7
02.11.03	Pruning of flower branch initials of Timber and NTFP species by sciculture upto 1/3 rd height (to be done during July - Aug)	1111	146.59	100	1629
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	430.54	100 Rmt	431
	<b>Unit Rate for FSR 2021-22</b>				<b>2060</b>

  
District Forest Officer  
KB Asifabad

Unit cost for Digging of Cattle Proof Trench (CPT) along the RF Boundary ( DFL Boundary)

Unit cost for 1.00 KM

SL.N o	Particulars	F.S.R. Item No.	Quantity		Rate	Per	Amount
1	2	3	4		5	6	7
1	Digging of CPT along the Reserve Forest Boundary line of Nambal Reserve Forest with the Machinery including excavation in all kinds of soils and depositing the excavation earth as directed with Minimum lead and lifts including cost of Machinery and labour 1000 Mtrs x((1m+1.5m)/2)x1m = 1250 Cu.m ( per KM)		1250	Cum	48.40	Cum	60500
			Total :				60500
			Add SGST (9 % ) :				3630
			Add CGST ( 9 % ) :				3630
			Add CESS ( 1 % ) :				605
			Grand Total :				68365

Or 60000


District Forest Officer  
KB Asifabad



## Unit cost for Stabilization of RF Block boundary ( CPT Bund stabilization) FSR 2023-24

Sl. No.	FSR Item No.	Nature of work	Area in Ha/Km. :	1.00	KM			
1	2	3	4	5	6	7	8	9
		<b>First year operations in ANR areas</b>						
1		STABILIZATION OF RF BLOCK BOUNDARY CONTINUOUS PERIPHERAL TRENCH MOUND: Planting on peripheral trench mound and adjacent strips are taken up with the objective of increasing the effectiveness of trench as a barrier for entry of grazing animals and spread of fire. Also by planting on the mound, the loose soil gets stabilized and increases the life-span of trench. The rationale of planting the edible wild fruit species is to enhance the food base of the monkeys and other wild animals. The species selected for planting may be Pithecolobium dulce, Terminalia bellirica, Careya arborea, Bridellia retusa, Phyllanthus emblica, Semecarpus anardium, Buchanania lanzan, Tamarindus indica, Ficus benghalensis, Ficus religiosa, Limonia acidissima, Syzygium cumini etc. All these plantings will be one time operation without further years' maintainance. The process includes following steps:						
	03.02.02	1) Planting of :- (A) 2 rows of Gachakaya (Caesalpinia bonduc) seedlings in 2 staggered rows in 1x1 m spacement (row to row 1 m and within the row 1 m spacing) on the outer slope of the trench mound; (B) 1 row of wild edible fruit species on the ridge line of the trench mound at 2 m apart; (C) bamboo (Dendrocalamus strictus) seedlings / rhizome(2-3 yr old) at 4 m apart in the middle of the inner slope of the mound; and (D) broadcasting of pretreated (overnight soaking in boiled water) Babul (Acacia nilotica) seeds inside trench @ 500gms per km by staff. (E) 15% extra over basic rates for revisiting areas only. The total planting points thus works out to be 2750 seedlings per km on trench mound.						
		Procurement of seedlings ( Gachakaya 2000+ Bamboo-250 + fruit species-500) ( 2750 +25 % casualities per Kms= 3437 Nos or <u>3450 Nos</u>	3450	Nos	5.50	1	Nos	18975
		(A) 2 rows of Gachakaya (Caesalpinia bonduc) seedlings in 2 staggered rows in 1x1 m spacement (row to row 1 m and within the row 1 m spacing) on the outer slope of the trench mound.						
		(a) Allignment & Stacking (in 2 staggered rows)	2000	Nos	94.82	100	Nos	1896
		(b) Cost of preparation of stakes (0.45 m length) and transportation to site	2000	Nos	65.94	100	Nos	1319
		(c) Digging of 30 cm <sup>3</sup> pits to be done during June	2000	Nos	5.64	1	No	11280
		(e) Transportation of seedlings (including loading and unloading) & Internal transport –						
		(iii) From nursery to plantation site - upto 5 Km lead (4"X7") bag plants	2000	Nos	44.88	100	Nos	898
		(iv) From nursery to plantation site - beyond 5 Km upto 25 km lead (4"X7") bag plants ( 20 Kms X 1.43 )	2000	Nos	33.00	100	Nos	660
		(g) Internal transportation of 4"X7" bag plants to planting points on Head loads	2000	Nos	47.38	100	Nos	948
		(h) Planting with 2.00 m apart in two row (1000 Nos per km) and formation of saucer on lower slope to hold water.	2000	Nos	165.85	100	Nos	3317

Receipt No : 2084522(5)/2023/FCA SECTION-PCCF

Sl. No.	FSR Item No.	Nature of work	Quantity		Rate	Per		Amount
1	2	3	4	5	6	7	8	9
		(B) 1 row of wild edible fruit species on the ridge line of the trench mound at 2 m apart ( Bag Planting)						
		(a) Allignment & Stacking	500	Nos	94.82	100	Nos	474
		(b) Cost of preparation of stakes (0.45 m length) and transportation to site	500	Nos	65.94	100	Nos	330
		(c) Digging of 30 cm <sup>3</sup> pits to be done during June	500	Nos	5.64	1	No	2820
		(e) Transportation of seedlings (including loading and unloading) & Internal transport –						
		(i) From nursery to plantation site – upto 5 Km lead - (4"x7") bag plants	500	Nos	44.88	100	Nos	224
		(ii) From nursery to plantation site - beyond 5 Km lead - for every extra km beyond 5 km upto 25 km ( 20 x 1.30=41.00 )	500	Nos	33.00	100	Nos	165
		(f) Internal transportation of 4"x7" bag plants to planting points on 1 head loads	500	Nos	47.38	100	Nos	237
		(h)Planting with 2 m apart in one row (500Nos. per km)	500	Nos	165.85	100	Nos	829
3		(C) bamboo (Dendrocalamus strictus) seedlings / rhizome(2-3 yr old) at 4 m apart in the middle of the inner slope of the mound ( Bag planting)						
		(a) Allignment & Stacking )	250	Nos	94.82	100	Nos	237
		(b) Cost of preparation of stakes (0.45 m length) and transportation to site	250	Nos	65.94	100	Nos	165
		(d) Digging of 45 cm <sup>3</sup> pits (50% of original rate) to be done during June	250	Nos	5.64	1	No	1410
		(e) Transportation of seedlings (including loading and unloading) & Internal transport –						
		(i) From nursery to plantation site – upto 5 Km lead - (6"x8") bag plants	250	Nos	44.88	100	Nos	112
		(ii) From nursery to plantation site - beyond 5 Km lead - for every extra km beyond 5 km upto 25 km ( 20 x 4.03=80.60 )	250	Nos	33.00	100	Nos	83
		(f) Internal transportation of 6"x8" bag plants to planting points on Head loads	250	Nos	47.38	100	Nos	118
		(h)Planting with 4 m apart in one row ( 250 Nos. per km)	250	Nos	165.85	100	Nos	415
4		(D) broadcasting of pretreated (overnight soaking in boiled water) Babul (Acacia nilotica) seeds inside trench @ 500gms per km by staff						0
		<b>Total</b>						<b>46911</b>
		2021-22				P. KM		<b>47700</b>

District Forest Officer  
KB Asifabad



GOVERNMENT OF TELANGANA  
FOREST DEPARTMENT

From  
Sri Neeraj Kumar Tibrewal, IFS.,  
District Forest Officer,  
Kumuram Bheem-Asifabad

To  
The Prl. Chief Conservator of Forests,  
& Nodal Officer for FCA,  
Telangana State, Aranya Bhavan,  
HYDERABAD.

**Rc.No.107/2021/S4, Dated: 05.07.2023.**

Sir,

Sub :- TSFD-Forest (C) Act, 1980- Diversion of **2.1948 ha** (revised from **2.9929 Ha**) of Forest land in Kagaznagar Division for formation of BT Road from Kammargaon to Nandigaon from KM 0/0 to 3/998 Bejjur and Bejjur Ext-III RF in favour District (R&B) Officer, Kumuram Bheem- Additional information sought for by IRO, MoEF&CC, GoI, Hyd-  
**Replies to Additional information-Submitted – Reg.**

- Ref:-
- 1) Prl.C.C.F Telangana Hyd.Rc No. 15700/2020/FCA2 (i) dated 15.12.2020.
  - 2) Prl.C.C.F Telangana Hyd.Rc No. 16826/2020- WL-1 dt 31.12.2020.
  - 3) C.F.A.C. Adb Rc. No. 1999/2020-M6, Dt: 05.01.2021.
  - 4) F.D.O., Kaghaznagar Rc. No. 4211/2020-D1, dt. 13.09.2021.
  - 5) Prl.C.C.F Telangana Hyd.Rc No. 15700/2020/FCA-2, Dated: 05.01.2022 ( Submitted to the Govt).
  - 6) DIGF (C), MoEF&CC, GoI, IRO, Hyd F.No.4-TSB279/2022-HYD/611, Dt: 28.07.2022 (EDS).
  - 7) Prl.C.C.F Telangana Hyd.Rc No. FC1/FC03/101/2022, Dated: 03.08.2022 (EDS).
  - 8) D.F.O., KB-Asifabad Rc.No. 107/2021/S4, Dt:18.08.2022 & 04.10.2022.
  - 9) Dist. R&B Officer, KB-Asifabad Rc.No. EE/R&B/KBA/2022-23, Dt: .02.2023.
  - 10) FDO, Kaghaznagar Rc.No.4211/2020/D1, Dt.08.05.2023
  - 11) D.F.O., KB-Asifabad Rc.No. 107/2021/S4, Dt: 09.05.2023.
  - 12) Prl. CCF, TS Hyd Rc.No. FC1/FC03/33/2023,. Dated: 22.05.2023 (for VC meeting on 23.05.2023).
  - 13) FDO, Kaghaznagar, Rc.No.4211/2020/D1, Dt.26.05.2023
  - 14) Prl.C.C.F Telangana Hyd.Rc No. FC1/FC03/101/2022(15700/2020/FCA-2),Dated: 13.06.2023.

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In compliance to the instructions issued in the reference 14<sup>th</sup> cited above, I am submitting herewith, the replies to the Additional information sought for by IRO, Hyd on Diversion of **2.1948 ha** (revised from **2.9929 Ha**) of Forest land in Kagaznagar Division for formation of BT Road from Kammargaon to Nandigaon from KM 0/0 to 3/998 Bejjur and Bejjur Ext-III RF in favour District (R&B) Officer, Kumuram Bheem, for which details are as follows.

SI No.	EDS raised	Reply
1	SC-NBWL approval	Approved in NBWL on 29.12.2022
2	Correct kml file and CA scheme specific to the current proposals may be uploaded.	It is submitted that, the PCCF vide FC2/FC09/2/2022/15854/2020/FCA-1, dt:-02.07.2023 has communicated the details of 44.4886 Ha of CA Land in Sy.No.322 of Pangidi Madara village of Tirynai Mandal of Asifabad Division of KB-Asifabad and the details of 15 Road projects including this project to which the land was allotted and the User Agency will uploaded the KML file of the same in Parivesh portal.
3	MAP AND DGPS data for the entire area of 81.4313 ha NFL and 71.00 ha DFL may be uploaded	The Map, DGPS Date and KML File of NFL Land will be uploaded by User Agency.  It is submitted that, the identified NFL land was not suitable for plantation. Hence an area of 45 Ha identified for DFL in Compt.No.55 of Garlapet RF, Itkalpahad Beat of Makidi Section of Sirpur Range of Kaghaznagar division for this project. The KML file of the same will be uploaded in the Parivesh portal.  The CA Scheme of the NFL – 45.00 Ha and DFL – 45 Ha is submitted herewith.

4	Hence legal status of existing road needs to be submitted by State Government	<p>It is submitted that, as per Gazette notification of Bejjur Ext-III Reserve Forest notified under section -15 vide G.O Ms No.280, Forest and Rural Development (For.III) Dt: 19.06.1982, "A cart track Kammargaon to Nandigaon is admitted as right of way for a width of 10 feet for carts, men and cattle"</p> <p>The cart track exists before 1980 on SOI Sheet (sheet No: 56M16) which was published in the year 1982 and surveyed in the year 1979-80. (from Nandigaom to Kammargaom).</p> <p>During the field inspection on 06.05.2023, it was found that there is an exists old gravel road which is connects from Kammargaom village to Nandigaom village of Penchikalpet Range of Kaghaznagar Division the gravel road was laid by Panchyath Raj department, Penchikalpet during the year 2015 to 2016 under PMGSY scheme which is violated the provisions of Forest (Conservation) Act, 1980 by carried out the gravel road work in the Forest area during the year 2015 to 2016 without obtaining the prior permission from the competent authority.</p> <p>In this regard, a case was registered by Sri G. Jagan Mohan Goud, Forest Section Officer, Kammargaom vide POR No. 1254/130 dated 06.05.2023 against the Assistant Executive Engineer PR Department Penchikalpet. The penalties for the offence details are as follows.</p> <table border="1" data-bbox="774 1041 1189 1176"> <thead> <tr> <th>Length &amp; Width of Road Violated (m)</th> <th>Violated Forest area (Ha)</th> <th>Volume of work (Cmt)</th> <th>Value of work (Rs)</th> </tr> </thead> <tbody> <tr> <td>1100 with width of 3.75 m</td> <td>0.4125</td> <td>412.5</td> <td>4,20,750=00</td> </tr> </tbody> </table>	Length & Width of Road Violated (m)	Violated Forest area (Ha)	Volume of work (Cmt)	Value of work (Rs)	1100 with width of 3.75 m	0.4125	412.5	4,20,750=00
Length & Width of Road Violated (m)	Violated Forest area (Ha)	Volume of work (Cmt)	Value of work (Rs)							
1100 with width of 3.75 m	0.4125	412.5	4,20,750=00							
5	Site inspection report and Part- II filled by the DFO concerned may be uploaded in place of the reports of FDO.	The Site inspection report and Part- II by the District Forest Officer, Kumuram Bheem-Asifabad is submitted herewith.								
6	Component wise breakup of cross section	Enclosed, which is submitted by user agency.								
7	Either side of the road. Agriculture fields are seen. Hence legal status of the proposed for diversion indicating any encroachments/ RoFR holdings may be furnished.	It is submitted that; either side of the road the existing agriculture fields are along the alignment of the proposals are old encroachments. But these agriculture fields are not falling in the proposed for diversion.								
8	Status of villages (Kammargaon and Nandigaon) notified Revenue villages/ Forest villages/ encroachments may be intimated along with supporting documents.	Kammargaon and Nandigaon villages are Forest villages as per Gazette Notification Bejjur RF: Notified U/s-15 vide Notification No. 50, Dt: 20.12.1353F. The same is enclosed herewith.								

This is submitted for favour of kind information.

Yours faithfully

District Forest Officer  
KB-Asifabad

Copy submitted to the Chief Conservator of Forests & Field Director Project Tiger, KTR Circle Mancherial for favour of kind information.

District Forest Officer  
KB Asifabad



Bejjur F-BRESERVATION BLOCK BEJJUR  
(Notification under section 18)

Dated: 20.12.1353 F.

Gazette No. 50.

In exercise of the powers conferred by section No. 18 of the Forest Act. No. 1 of 132 F. The Government are pleased to declare that the following lands falling within the boundaries as described here include shall continue as Reserved Forest Block here in after be called "Reserved Forest Block Bejjur" Ta. Sirpur, Adilabad District from the date of Publication of this notification in the Official Gazette.

The Forest Block includes the villages, Bejjur, Marthadi, Murliguda, Nandigaon, Kannergaon, Gundaipalli, Vaipalli, Hatti Gubbai, Talai, Siddapur and Kalanpalli, Papanpet, Agarguda, Koichichal, Vallur, Loadpalli, Bilma, Kondaipalli Bilma, Ta. Sirpur, District Adilabad constituting a total Area 477 2 Acres 10 Guntas and it has been notified under section 7. Official Gazette No. 27, Dated 25th Aurdibahisht 1349 F. and it has been published in vernacular Language in the concerned villages, in this reserved Forest there are two enclosures shown in the sanctioned map section 17 which will continue as usual.

BOUNDARIES

NORTH:- The line of Reserved Forest starts from corner North and West direction where the line of Reserved Kadamba meets. The line runs through Cart track from Kondaipalli to Rebbani crosses, where point 'A'. From there the line runs towards North-East from <sup>where</sup> the passing through Southern boundary the S.No. of village Rebbani (74, 50-77) reaches into the Cart track Rebbani to Cat-surangapalli. From there the line runs towards East passing by through the Southern boundaries of Survey Numbers 25, 24, 475, 20, 19, 1, 278 crosses the Cart track Kondepalli to Magrai, Kuntalmanepalli reach



-: 2 :-

upto the East corner of Last S.No. as mentioned above. From there, the line runs towards South-East and North-East S.No.9 by the side West and South of Tank upto Cart track Oat-surangpalli to Salgupalli. From there it proceeds to South East upto Cart track and corner of North-Western of Survey Nos. 278, 20, 207 and 273. From there the line runs towards South with a little zig-zag upto Bangle NALA. From there towards North-East upto boundary of Mathidi and from there the line proceeds towards North and East from village Mathedi, passing through Northern boundary S.Nos. (4927) included in R.F. upto boundary of Siddapur Kalan. From there the line, entering into (4) Acres 22 Guntas S.No.23 in the Reserved Forest and passing through the Southern boundaries of S.Nos. 27, 40 proceeds to the boundary of Bijjur from the West of S.No.39. From there the line runs towards South and East crossing the NALA Mandal-pending towards South-East, upto Shak NALA Mundi. from there the line passes through South NALA crossing Cart track Bijjur to Yallur separating the NALA proceeds towards Northern East with zig-zag crossing over Southern boundary of S.No.7 2 & again crossing two Cart tracks towards North-East, the line proceeds upto Mundi VAGU. From there making the said Vagu as a natural boundary the line proceeds to boundary Gabbai. From there the line reaches in boundary Gubbai making the river natural boundary upto (20) Chains. From there the line proceeds towards South to the West direction of S.No.(2) and to West of 8 No. 2 and to the West and South of S.No.49 & reaches to the boundary of papenpet through the West of Nos. 52 - 144). From there the line runs towards South and No.(119) and crossing the two Cart tracks to the corner of Northern West. From there to the West and South of above S.No. and from the South of S.Nos. (39, 40, 41) to the boundary of Talai from there the



AIRER STATEMENT OF LOCK RENGGE BIZUR DIVISION KAGBHAZ NAGAR															
Name of vill- age & Tg		Total area of the village	Area of the P. Inson etc	Total area	Food & Land Food	SNR	Area	Total area per of the	Area in in in	SNR	Area	Gain	Balance	Remarks	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Rebim-790 Sikpur	Rego-600 1554-11 1/2	Ec-60 398-3 3/4	Ec-60 15-00	Ec-60 398-3 3/4	Food-00 Food-00	SNR 63	Ec-60 600-0 1/4	Food-00 13-00	Food-00 11-00	SNR 63	Ec-60 300-00	Ec-60 38-00	Ec-60 300-1/4	379-14	
Total	1554-11 1/2	303-3 3/4	15-00	398-3 3/4	—	—	1156-8 1/2	1554-11 1/2	—	—	500-00	38-00	656-8 1/2		
Outstanding Polly Tg Sikpur	2454-9	668-9 1/2	70-00	739-9 1/2	Food-00 Food-00	SNR 413	Ec-60 404-00	Food-00 —	Food-00 —	SNR 414	Ec-60 4435-00	—	4404-00		
Total	2454-9	668-9 1/2	70-00	739-9 1/2	—	—	1174-11 1/2	2454-9	—	—	978-11	67-00	736-8 1/2		
maahod Sikpur	3684-1 1/2	8792-6	—	1197-6	Food-00 Food-00	SNR 102	Ec-60 188-15	3684-1	Food-00 —	SNR 102	Ec-60 1586-15	179-00	300-00		
Siddapartu Sikpur	517-10 1/4	325-6 3/4	—	325-6 3/4	Food-00 Food-00	SNR 61	Ec-60 155-4	—	Food-00 —	SNR 6	Ec-60 155-4	—	19-15 1/2		
Total	517-10 1/4	325-6 3/4	—	325-6 3/4	—	—	192-4	517-10 1/4	—	—	155-4	32-00	27-00		



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**GOVERNMENT OF TELANGANA  
ROADS & BUILDINGS DEPARTMENT**

From  
G.Peddaiah, M.Tech.,  
District(R&B)Officer  
Executive Engineer  
KumrambheemAsifabad.

To  
The District Forest Officer,  
KumrambheemAsifabad.

**Lr.No. EE/R&B/KBASf/2022-23/**

**Date: .02.2023**

Sir,

**Sub:** (R&B) Division Kumurambheem Asifabad - Diversion of diversion of diversion of 2.1948 ha (Revised from 2.9929) of FL in Kaghaznagar Division for formation of BT road Kammargaon to Nandigaon from km 0/0 to 3/998 Bejjur and Bejjur Ext-III RF in favour of Dist R&B Officer Kumarambheem Asifabad District-Submission of Additional Documents/ Clarifications-Req-Reg.

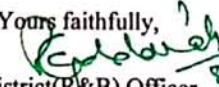
**Ref:** 1.Pr. C.C.F., TS Hyderabad,Rc.No. FC1/FC03/101/2022 Dated: 03.08.2022.  
2. Dy.EE (R&B) Sub - Division Kaghaznagar Lr.No.DEE/R&B/Kznr/2022-223 Dt. .02.2023

\* \* \* \* \*

Anent to the reference cited, It is herewith submitting the following additional information/clarifications for further consideration of proposals of Construction of BT road from Kammargaon to Nandigaon from km 0/0 to 3/998 in Kumrambheem Asifabad District.

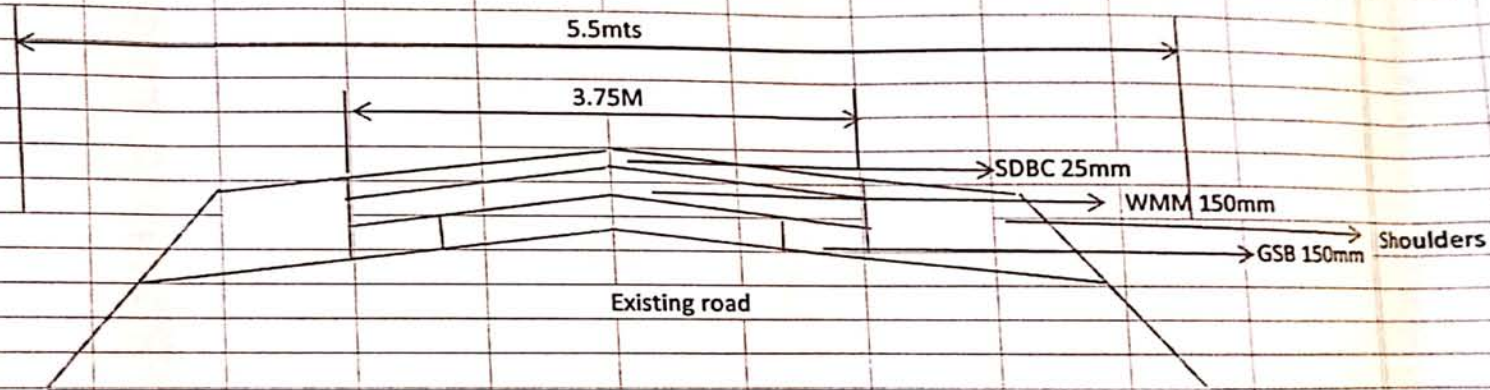
1. As the proposed diversion area is falling in the Tiger orridor of Kawal Tiger Reserve, approval of the SC NBWL may be obtained and submitted.  
**Replay:** Belongs to Forest Department.
2. The user agency and the FDO uploaded kml file of the non forest area for an extent of 2.9929 Ha .However ,CA scheme has been proposed for an area of 2.1948 ha. Hence correct kml file and CA scheme specific to the current proposal may be uploaded.  
**Reply:** 2.1948 ha kml file and CA scheme has been uploaded.
3. Though 81.4313 ha Non-forest land has been identified in lieu of 21 road projects, the detailed list of 21 proposals with appropriate extent of each such proposal ,its map and DGPS coordinates of the entire 81.4313ha is not submitted. Map along with DGPS coordinate of the entire 71.00 ha of degraded forest land identified for CA purpose may also be submitted.  
**Reply:** map and DGPS coordinates of the entire 81.4313ha is enclosed.
4. FDO reported in the SIR that "the present road existing with width of 5.5meters which is metal road". Hence legal status of the existing road needs to be submitted by the State Government.  
**Replay:** Belongs to Forest Department.
5. Site inspection report and Part-II filled by the DFO concerned may be uploaded in place of the report of FDO.  
**Replay:** Belongs to Forest Department.
6. Component wise breakup of the proposed road clearly indicating carriageway(BT portion),shoulders, drainage etc needs to be provided by the user agency.  
**Reply:** Cross section sheet enclosed.
7. As per the kml file, either side of the proposed road, agriculture fields are seen. Hence he legal status of the proposed area for diversion indicating any encroachment/RoFR holdings may be furnished.  
**Replay:** Belongs to Forest Department.
8. Status of the villages (Kammargaon and Nandigaon) notified revenue villages/Forest Villages/encroachments may be intimated along with supporting documents.  
**Replay:** Belongs to Forest Department.

In view of the above, I request the District Forest Officer, Kumrambheem Asifabad to obtain necessary approval for the above work at earliest.

Yours faithfully,  
  
District(R&B) Officer  
Executive Engineer  
Kumrambheem Asifabad

Encl:1.Cross section sheet-1 No.

Name of Work: Construction of BT Road from Kammargaon to Nandigaon from km 0/0 to 3/998 in Kumarambheem Asifabad District



*[Signature]*  
S. S. K. K. K.

*[Signature]*  
8/1/2023  
DEP/1822

*[Signature]*  
DISTRICT R&B OFFICER  
Executive E  
Kumarambheem Asifabad District



CA land to be taken over in Sy No 322 of Pangidimadara (V), Tiryani (M) of Asifabad Division in lieu of forest land proposed for diversion for various Road Projects in Asifabad District in favor of EE (R&B), Asifabad



79°10'30"E

79°11'0"E

19°15'30"N

19°15'30"N

19°15'0"N

19°15'0"N

19°14'30"N

19°14'30"N

ASIFABAD

Balance Area - 37.9741 Ha

Forest Divisional Officer  
ASIFABAD.

District Forest Officer  
Komaram Bheem  
(Asifabad)

DISTRICT R&B OFFICER  
Executive Engineer  
Komaram Bheem-Asifabad

#### Legend

Area Proposed for CA Land

Geographic Coordinate System - WGS84 Datum (UTM 44N)

0 150 300 600 Meters

79°10'30"E

79°11'0"E

Id	Road Name	Area_ha
1	BT Road from Sirpur to Methindani	8.6142
2	BT Road from Raghavapur to Govena	1.7440
3	BT Road from Govena to Jamuldhara	3.4120
4	BT Road from Kereguda to Dampur	4.0700
5	BT Road from Gundala to Mangi	3.9000
6	BT Road from Kamana to Sarkepalli	0.5210
7	BT Road from Vanjariguda to Geethabanda	1.0180
8	BT Road from Movad to Chorpalli	5.1389
9	BT Road from Movad to Koutan Movad	1.4190
10	BT Road from Sirpur(U) to Devudpally	0.3270
11	BT Road from Pangidi to Madhura Thanda	2.9830
12	Construction of road from Dimda to Chittam and two HLB at Km 4/850 and Km 5/340	3.2910
13	BT Road from Kammergaon to Nandigaon	2.1948
14	BT Road from Karji to Loha	2.4746
15	Kazipet to Ballarsha Section	2.3495
Total		43.4570
Remaining Balance Area		37.9741
Grand Total		81.4311



79°10'30"E

79°11'0"E



CA land to be taken over in Sy No 322 of Pangidimadara (V), Tiryani (M) of Asifabad Division in lieu of forest land proposed for diversion for various Road Projects in Asifabad District in favor of EE (R&B), Asifabad

19°15'30"N

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19°15'0"N

19°15'0"N

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ASIFABAD

Balance Area - 37.9741 Ha

Legend

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