

FORM - 'A'

(See Rule 6)

Form for seeking prior approval under section 2 of the proposals by the state Government and other authorities


PART - I

(To be filled up by user agency)

1.	Project details :	Parwan Major Irrigation cum Drinking Water Supply Project, Tehsil - Khanpur Distt. Jhalawar.
	(i) Short narrative of the proposal and project / scheme for which the forest land is required.	A Major Irrigation scheme is proposed on River Parwan near village Akawad Kalan of Tehsil Khanpur Distt. Jhalawar. It is proposed to irrigate about 1,31,400 ha land of Kota, Baran and Jhalawar and to supply drinking water to urban and rural population and to provide 79 Mcum water for 3000 MW power generation to RRVUNL & Adani Power, 50 Mcum water to PHED for drinking facilities to 820 villages of Kota, Baran and Jhalawar district, and to provide 16 Mcum water i.e. 25 cusecs round the year to Shergarh Games Sanctuary. (Annexure - A)
	(ii) Map showing the required forest land, boundary of adjoining forest on a 1:50,000 scale map.	Enclosed as Drawing - 1
	(iii) Cost of the Project.	Rs. 2332.52 Crores (Annexure - I)
	(iv) Justification for locating the project in forest area.	The project site is in deep valley where length of the dam is only 360 meters and solid rock foundation is available for construction of gravity dam, The site is most economical & Technical Suitable and has been approved by the Chief Engineer, Water Resources Deptt. , Jaipur.
	(v) Cost-benefit analysis (to be enclosed)	1.66:1 (Annexure - II)
(vi) Employment likely to be generated.	During construction thousands of labour will get employment on construction, these after completion of work lacs of labour will be engaged on Agriculture activities.	

2.	Purpose-wise break-up of the total land required.		Jhalawar Distt. (ha)	Baran Distt. (ha)	Total (ha)
		1. Construction of Dam -		8.00	8.00
		2. Construction of Approach Road 10 m Wide to Dam -	3.71	--	3.71
		3. Construction of Canal -	37.83	9.522	47.352
		4. Construction Road Along Canal 6 m wide -	4.92	--	4.920
		5. Construction of Colony -	10.00	--	10.00
		6. Construction of Road above Tunnel -		10.521	10.521
		7. Dumping yard -	10.00	10.00	20.00
		8. Submergence of Dam -	1231.21	500.27	1731.48
		<b>Total -</b>	<b>1297.67</b>	<b>538.313</b>	<b>1835.983</b>
3.	Details of displacement of people due to the project, if any:  (i) Number of families.	2142 Nos. Annexure - 9 of Annexure III			
	(ii) Number of Scheduled Castes / Scheduled Tribes families.	461 Nos. Annexure - 9 of Annexure III			
	(iii) Rehabilitation plan. (To be enclosed)	Enclosed, approved by the MoTA, GoI (Annexure III)			
4.	Whether clearance under Environment (Protection) Act, 1986 required? (yes/no)	Yes, Project has been cleared by EAC of MoEF (Copy enclosed) (Annexure IV)			
5.	Undertaking to bear the cost raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost of protection and regeneration of Safety Zone, etc. as per the scheme prepared by the State Government (undertaking to be enclosed).	Enclosed Annexure - V			

6.	Details of Certificates / documents enclosed as required under the instructions.	<ul style="list-style-type: none"> <li>(i) N.P.V. Certificate Annexure - VI</li> <li>(ii) Minimum land certificate Annexure - VII</li> <li>(iii) Compensatory certificate Annexure - VIII</li> <li>(iv) Alternate Certificate Annexure - IX</li> <li>(v) Salient features of project Annexure - X</li> <li>(vi) Brief note on Project Annexure - A</li> <li>(vii) Tentative Forest coming under submergence Annexure - XI</li> <li>(viii) Index Plan Annexure - Drawing - 1</li> <li>(ix) Revenue Maps Sheet 1 to 12 &amp; 1 to 9</li> </ul>
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**S.N. GUPTA**

**EXECUTIVE ENGINEER  
WR, PARWAN PROJECT  
DIVISION JHALAWAR**

Date :- \_\_\_\_\_

Place :- \_\_\_\_\_

State serial No. of proposal \_\_\_\_\_

(to be filled by the Nodal Officer with date of receipt)

**PART – II**

**(To be filled by the concerned Deputy Conservator of Forests)**

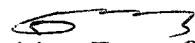
State serial No. of proposal .....

7.	Location of the project / Scheme:																	
	(i) State / Union Territory	Rajasthan																
	(ii) District	Baran																
	(iii) Forest Division	Baran																
	(iv) Area of forest land proposed for diversion (in ha.)	538.313 Ha. ( Purpose wise break up enclosed at page no. 105)																
	(v) Legal status of forest	Protected Forest																
	(vi) Density of vegetation	0.1 to 0.8																
	(vii) Species-wise (scientific names) and diameter class-wise enumeration of trees (To be enclosed. In case of irrigation / hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.)	Species wise & diameter class wise list of Trees is enclosed at page no. 22 to 24 & page no. 177 to 189 Total number of trees is as follows. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>Reservoir &amp; Dam</th> <th>Main Canal &amp; other Purpose</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>(A) AT FRL</td> <td>96917</td> <td>11273</td> <td>108190</td> </tr> <tr> <td>(B) FRL – 2M</td> <td>67841</td> <td>11273</td> <td>79114</td> </tr> <tr> <td>(C) FRL- 4M</td> <td>48458</td> <td>11273</td> <td>59731</td> </tr> </tbody> </table>		Reservoir & Dam	Main Canal & other Purpose	Total	(A) AT FRL	96917	11273	108190	(B) FRL – 2M	67841	11273	79114	(C) FRL- 4M	48458	11273	59731
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(viii) Brief note on vulnerability of forest area to erosion.	Enclosed at P.No. P-78																	
(ix) Approximate distance of proposed sites for diversion from boundary of forest.	Adjacent to forest boundary																	
(x) Whether forms part of national Park, Wildlife sanctuary, Biosphere reserve, Tiger reserve, elephant corridor, etc. (If so, details of the area and comments of the Chief Wildlife Warden to be annexed).	No																	
(xi) Whether any rare / endangered / unique species of flora and fauna found in the area-if so details there of.	Terrestrial Spp – Panther - Panthera pardus fusca Amphibian Spp – Fresh water Crocodile Crocodylus palustris																	
(xii) Whether any protected archaeological / heritage site / defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	No																	
8.	Whether the requirement of forest land as proposed by the user agency in col. 2 of part –I is unavoidable and barest minimum for the project. If no, recommended areas item-wise with details of alternative examined.	Yes The requirement of the forest land as proposed by the user agency in col. 2 of part 1 is minimum for the project except that the 10 ha. Land required for storage & temporary settlement of labor can be avoided by making storage and temporary labor camps in the land proposed for reservoir.																

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 violation is still in progress.	No																																																
10.	<p>Details of Compensatory Afforestation scheme:</p> <p>(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.</p> <p>(ii) Map showing non-forest / degraded forest area identified for compensatory Afforestation and adjoining forest boundaries.</p> <p>(iii) Details compensatory Afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.</p> <p>(iv) Total financial outlay for compensatory Afforestation scheme.</p> <p>(v) Certificate 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 Forest).</p>	<p>The District Collector, Baran vide his order No. 11917 dated 12-12-2011 has set aside 618.53 ha. (including 60.67 ha land for Jhalawar District) Non forest land in lieu of the proposed forest land (Page 108). Suitability certificate enclosed. P-17</p> <p>Non forest land will be shown on the map after finalization of its allotment &amp; handing over to the forest department.</p> <p>(a) Approved model of compensatory Afforestation is enclosed at Page No. 19-21 per ha. Cost would be Rs. 90200/- subject to change with the revision of model cost estimate.</p> <p>(b) Compensatory Afforestation will be carried out by Forest Department over a period of 5 year @ 110 ha. Per year.</p> <p>(c) Preference will be given to local Tree species. Main species will be as follows</p> <table border="1" data-bbox="868 993 1490 1541"> <thead> <tr> <th>S.N.</th> <th>Local Name</th> <th>Botanical Name</th> </tr> </thead> <tbody> <tr><td>1</td><td>Mahua</td><td>Madhuca indica</td></tr> <tr><td>2</td><td>Bahera</td><td>Terminalia Bellarica</td></tr> <tr><td>3</td><td>Arjuna</td><td>Terminalia arjuna</td></tr> <tr><td>4</td><td>Achar</td><td>Bauhenia lanzan</td></tr> <tr><td>5</td><td>Khair</td><td>Acacia catechu</td></tr> <tr><td>6</td><td>Dhonk</td><td>Anogeissus Pendula</td></tr> <tr><td>7</td><td>Palas</td><td>Butea monosperma</td></tr> <tr><td>8</td><td>Ber</td><td>Zyzyphus zylophora</td></tr> <tr><td>9</td><td>Bamboo</td><td>Dendrocalamus strictus</td></tr> <tr><td>10</td><td>Karaya</td><td>Sterculia urens</td></tr> <tr><td>11</td><td>Salar</td><td>Boswellia serrata</td></tr> <tr><td>12</td><td>Kusum</td><td>Schleichera oleosa</td></tr> <tr><td>13</td><td>Imli</td><td>Tamarandis indica</td></tr> <tr><td>14</td><td>Amla</td><td>Emblica officinalis</td></tr> <tr><td>15</td><td>Semal</td><td>Bombex ceiba</td></tr> </tbody> </table> <p>On the basis of prevailing model cost estimate per ha. Cost of compensatory Afforestation in Rs. 90200/- total out lay for compensatory Afforestation will be <math>538.313 \times 90200 = 485.56</math> lac rupees.</p> <p>Certificate of suitability of land enclosed. P-17</p>	S.N.	Local Name	Botanical Name	1	Mahua	Madhuca indica	2	Bahera	Terminalia Bellarica	3	Arjuna	Terminalia arjuna	4	Achar	Bauhenia lanzan	5	Khair	Acacia catechu	6	Dhonk	Anogeissus Pendula	7	Palas	Butea monosperma	8	Ber	Zyzyphus zylophora	9	Bamboo	Dendrocalamus strictus	10	Karaya	Sterculia urens	11	Salar	Boswellia serrata	12	Kusum	Schleichera oleosa	13	Imli	Tamarandis indica	14	Amla	Emblica officinalis	15	Semal	Bombex ceiba
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11.	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.	Attached Page No. 7
12.	Divisional / District profile:	Baran
	(i) Geographical area of the district.	6996.52 Sqm.K.M.
	(ii) Forest area of the district.	2313.7077 Sq.K.M.
	(iii) Total forest area diverted since 1980 with number of cases.	1034.19 ha.
	(iv) Total compensatory afforestation stipulated in the district / division since 1980 on	
	(a) Forest land including penal compensatory afforestation,	174.128 ha.
	(b) Non-forest land.	866.34 ha.
	(v) Progress of compensatory afforestation as on till date	
	(a) Forest land	59 Ha.
	(b) Non-forest land.	276 Ha.
13.	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.	<p>Recommendation:- Agreed with the proposal subject to following conditions :-</p> <ol style="list-style-type: none"> <li>1. A 6' high stone masonry wall will be constructed at the cost of project along the muttams on FRL line on right flank of the reservoir in Baran district to check trespass in forest area by man &amp; cattle.</li> <li>2. All precautions must be taken to avoid tree felling during excavation of tunnel for right main canal.</li> <li>3. No resettlement will be allowed in adjacent forest area.</li> <li>4. Project authorities will make provision for cooking gas &amp; /or Kerosene for the workforce engaged in construction activities .</li> <li>5. High power lights will not be installed at construction site.</li> <li>6. Armed security guards, if deployed at project site shall have to deposit attested photo copies of their I.D. proof &amp; attested photo copy of arms license under intimation to District administration.</li> <li>7. Project authorities shall intimate one year in advance about completion of main dam so that trees coming under submergence may be extracted well in advance.</li> <li>8. Felling of trees will be carried out by project authorities under the guidance of forest department and felled trees will be transported to nearest forest Naka or Range H.Q. by project authorities.</li> </ol>

Date :- 19-09-2011

  
**Division Forest Officer**  
**Baran**

Place :- Baran

## Part -II

(To be filled by the concerned Deputy Conservator or forest)  
(State Serial No. of Proposal)

- 7 Location of the Project Scheme
- (i) State/Union Territory Rajasthan
- (ii) District Jhalawar
- (iii) Forest Division Jhalawar
- (iv) Area of forest land proposed for diversion 1297.67 Ha.
- (v) Legal status of forest *CWA* FRL, Protects Forest
- (vi) Density of vegetation. 0.3 to 0.6
- (vii) Species-wise (Scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation/ hydel project enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.) As per list Enclosed  
P-25-26 2 190 to 212.
- (viii) Brief note on vulnerability of the forest area to erosion. No erosion
- (ix) Approximate distance of proposed site for diversion from boundary of forest Attached to Forest & including forest area
- (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) No.
- (xi) Whether any rare/endangered/ unique species of flora and fauna found in the area, if so details thereof. No.
- (xii) Whether any protected archaeological/ heritage site/defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required No.
- 8 Whether the requirement of forest land as proposed by the user agency in col. 2 of part 1 is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternatives examined. Yes, The requirement of forest area is minimum.
- 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. No.
- 10 Details of compensatory afforestation scheme
- (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. 1238.00 ha. Non forest land is allotted in Jhalawar district & 60.67 ha. Land is allotted in Baran district. Page 17, 108, 122 to 125

- (ii) Map showing non-forest degraded forest area identified for compensatory afforestation adjoining forest boundaries.
- (iii) Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.
- (iv) Total financial outlay for compensatory afforestation scheme
- (v) Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view (to be signed by concerned Deputy Conservator of Forest)
- 11 Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.
- 12 Division/District profile
- (i) Geographical area of the district.
- (ii) Forest area of the district
- (iii) Total forest area diverted since 1980 with number of cases
- (iv) Total compensatory afforestation stipulated in the district/division since 1980 on.
- (a) Forest land including penal compensatory afforestation.
- (b) Non-forest land
- (v) Progress of compensatory afforestation as on (date) 31.03.2011 on
- (a) Forest land
- (b) Non-Forest Land
- 13 Specific recommendations of the DCF for acceptance of otherwise of the proposal with reasons.

*Non forest land will be shown on the map after handing over to forest deptt.*

Enclosed

1297.68 x 90,200 = 117049834/-  
**The Total Financial out lay for compensatory a forestation is 1297.68 x 90,200 = 117049834/- which is as per the prevailing rate of the state.**

*enclosure*  
 P-18

Attached P-12

(6291.50 Km)<sup>2</sup>  
 ( 1318.07 Km)<sup>2</sup>  
 1035.9748 Ha 23 cases

3110.98 Ha.

536.62 Ha.

121 Ha.

10.343 Ha

The proposal may be accepted

**Signature**

**(M.C.GARG)**

**Divisional Forest Officer,  
 Jhalawar (Raj.)**



**NAME OF PROJECT: PARWAN MAJOR IRRIGATION CUM DRINKING  
WATER SUPPLY PROJECT**

**PART-III**

(To be filled by the Conservator of Forests)

(BARAN DISTRICT)

**14. Whether site, where the forest land involves is located has been inspected by concerned Conservator of Forests(Yes/NO).If yes, The date of inspection & observations made in form of inspection note to be attached.**

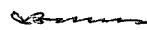
Yes, I have inspected the proposed site of Parwan Irrigation Cum Drinking Water supply Project on dated 11.01.2012, which involve 538.313Ha of forest land. In downstream of dam site Shergarh Sanctuary is situated. Natural flow of water course will be affected by construction of dam hence under section 29 of wild life act 1972 prior approval from NBWL requires which was already taken by user agency on dated 10.05.2011. User agency also agreed to provide 25 Cusecs water round the year free of cost in downstream by an auto built system at sanctuary site to conserve flora and fauna of Wild Life Sanctuary.

**15. Whether the concerned Conservator of Forests agrees with the information given in Part-B and the recommendations of Deputy Conservator of Forests.**

Yes

**16. Specific recommendation of concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed reason.**

As above, proposal is submitted for sanction.

  
Signature  
Name: L.N.Bansal  
Conservator of Forests  
Kota

Date:12.01.2012.  
Kota

**NAME OF PROJECT: PARWAN MAJOR IRRIGATION CUM DRINKING  
WATER SUPPLY PROJECT**

**PART-III**

**(To be filled by the Conservator of Forests)**

**(JHALAWAR DISTRICT)**

14. Whether site, where the forest land involves is located has been inspected by concerned Conservator of Forests (Yes/NO). If yes, The date of inspection & observations made in form of inspection note to be attached.

Yes, Proposed Parwan Irrigation Cum Drinking Water supply Project site was inspected by me on dated 12.01.2012, It involve 1297.67 Ha of forest land of various protected forest blocks of Jhalawar District. Density of forest varies from 0.1 to 0.6. Proposed are having mix forest crop mainly having Anogessus, Pendula, Bueta monosperma, Terminalia bellerica Terminalia arjuna, Prosopis juliflora etc.

15. Whether the concerned Conservator of Forests agrees with the information given in Part-B and the recommendations of Deputy Conservator of Forests.

Yes

16. Specific recommendation of concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed reason.

In downstream of dam site Shergarh Sanctuary is situated. Natural flow of water course will be affected by construction of dam hence under section 29 of wild life act 1972 prior approval from NBWL requires, which was already taken by user agency on dated 10.05.2011. User agency also agreed to provide 25 Cusecs water round the year free of cost in downstream by an auto built system at sanctuary site to conserve flora and fauna of Wild Life Sanctuary, hence proposal is recommended for sanction.



Signature

Name: L.N. Bansal

Conservator of Forests

Kota

Date: 12.01.2012.

Kota

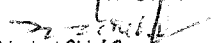
PART – IV

(to be filled by the Nodal officer or Principal Chief Conservator of Forests or  
Head of Forest department)

17. Detailed opinion and specific recommendation of the State Forest  
Department for acceptance or otherwise of the proposal with remarks

( While giving opinion, the adverse comments made by concerned  
Conservator of Forests or Deputy Conservator of Forests should be  
categorically reviewed and critically commented upon).

Recommended

  
Addl. Principal Chief Conservator of Forest  
Protection & Nodal Officer, Forest Conservation Act  
Rajasthan, Jaipur

Signature

Name & Designation

(Official seal)

Date :- 16/7/2012

Place : Jaipur

PART - V

(to be filled in by the Secretary in charge of Forest Department or by any other authorized officer of the State Government not below the rank of an Under Secretary)

18. Recommendation of the State Government:

Recommended  
(Signature)  
शासन सचिव  
वन विभाग  
शासन सचिवालय, जयपुर

(Adverse comments made by any officer or authority in Part-B or Part-C or Part-D above should be specifically commented upon)

Signature

Name & Designation

(official Seal)

Date :- 6/12/2012

Place :- Jaipur