जवाहरलाल नेहरू पोर्ट ट्रस्ट
JAWAHARLAL NEHRU PORT TRUST
जनेपन्यास
JNPT
पत्तन कार्यालय : प्रशासन भवन, शेवा, नवी मुंबई - 400 707. Port Office : Administration Bldg., Sheva, Navi Mumbai - 400 707.
मुख्य सतर्कता अधिकारी Chief Vigilance Officer-(022) 2724 2292; मुख्य प्रबंधक (प्रशासन) एवं सचिव Chief Manager (Admn.) & Secy-(022) 2724 2233;
मुख्य प्रबंधक (यातायात) Chief Manager (Traffic)-(022) 2724 2377; मुख्य प्रबंधक (वा.एवं वि.अ.) Chief Manager (M&EE)-(022) 2724 2218;
मुख्य प्रबंधक (वित्त) Chief Manager (Fin)-(022) 2724 2241; मुख्य प्रबंधक (प, यो, वि.) Chief Manager (PP&D)-(022) 2724 2326;
उप-संरक्षक Dy. Conservator (022) 2724 2301; हार्बर मास्टर Harbour Master - (022) 2724 4173.
Website : www.jnport.gov.in E-mail : info@jnport.gov.in

ISO 9001 : 2008
ISO 14001:2004
ISO 27001:2013
OHSAS 18001:2007

Ref.: JNPT/PPD/4CT/EC/2019/ 839

Date: 03rd July 2019

To,

The Member Secretary,
Expert Appraisal Committee (Infra-2),
Ministry of Environment Forest & Climate Change,
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi-110003

Subject: Submission of the requisite information asked in your e-mail dated July 1st 2019 & EDS generated on the portal for balance work of the 4th Container Terminal project at JNPT.

Reference: 1. Your e-mail dated July 1st 2019 & EDS generated.
2. Terms of Reference no. F.No.10-32/2018-IA-III dated 13.06.2018

Dear Sir,

We are in receipt of your e-mail dated 1st July 2019 and EDS generated and noted contents. The requisite information is attached herewith for ready reference.

1. Copy of the recommendation of CZMA.
2. Copy of revised EIA Report.
3. Details of ToR in the Form-2.
4. Break-up for the proposed activities in the plan for Corporate Environmental Responsibility (CER).

You're requested to include our project in the forthcoming meeting of the Committee for the grant of environmental clearance to be held on 10th to 12th July 2019.

Thanking You.

Yours faithfully,

Chief Manager (PP&D)

MAHARASHTRA COASTAL ZONE MANAGEMENT AUTHORITY

Tel. No. : 22029388
E-mail : dir1.mev-mh@nic.in
Website: https://mczma.gov.in/

No. CRZ – 2018 / CR – 358 / TC - 4
Office of the -
Maharashtra Coastal Zone Management Authority,
Environment Department, 15th floor,
New Administrative Building, Mantralaya,
Mumbai- 400 032.
Date: 12th June, 2019

To,
Director (IA-III),
Coastal Zone Regulation,
Government of India,
Ministry of Environment, Forests & Climate Change,
Indira Paryavaran Bhavan, Jor Bagh Road,
New Delhi - 110 003

Subject: CRZ clearance for balance work for 4th container terminal & marine chemical terminal at JNPT

The proposal of CRZ clearance for balance work for 4th container terminal & marine chemical terminal at JNPT was deliberated in 130th meeting of MCZMA held on 01st March, 2019.

2. The Authority noted that, Jawaharlal Nehru Port Trust has received Environmental Clearance for Development of Fourth Container Terminal and Marine Chemical Terminal at JNPT on 29th July, 2018 from MoEF, New Delhi. The Port has applied to MoEF in 2013 for extension of validity of Environmental Clearance for a further period of 5 years. MoEF vide letter dated 14th February, 2014 has extended the validity for a further period of 5 years on the same subject to certain conditions terms & Conditions i.e. upto 28th July, 2018.

3. The Port's request for amendments in Environmental Clearance Condition No.6 was discussed in the Expert Appraisal Committee (Infra-2) in its 207th meeting held on 25th January, 2018. Expert Appraisal Committee accepted the Port's proposal for amendment with a condition that the Port should apply afresh for balance works of construction of Fourth Container Terminal and Marine Chemical Terminal at JNPT. Accordingly JNPT has submitted the application for Terms of Reference for fresh Environmental Clearance on 17th May, 2018. Accordingly, as per decision taken in 31st meeting of the EAC (Infra-2) meeting held on 31st Mary, 2018, the MoEF, New Delhi vide letter dated 13th June, 2018 accorded the Terms of Reference for preparation of the EIA and EMP for the project. One of the condition of the TOR is obtain the recommendation of the MCZMA.

4. The Authority noted form the TOR that, construction phase I of Fourth Container Terminal projected commenced from 23rd December, 2014. Construction works under phase I was completed and the entire facility is put to operation by 22nd December, 2017, within the stipulated time period of 3 years for commencement of phase I operations. As per the concession agreement, phase II works shall be commenced immediately after achieving traffic of 2.4 MTPA and complete the balance work by December, 2022. Details of the balance work is as follows:

A. Civil Infrastructure :

Sr. No	Project Scope as preapproved Environment Clearance	Phase – I	New TOR for Balance Work in Phase - II
(i)	**Berth:** Berth length of 2000m x 61m	1000 m x 61 m Completed	1000 m x 61 m
(ii)	Dredging : In Maneuvering area (-) 13.1 m CD and Berth pockets (-) 16.5 m CD	Approx. 110 HA. Area dredged including berth pockets Completed 10 Million Cu M	Approx. 100 Ha. Dredging up to 16.5m below CD 9 Million Cu. M.
(iii)	**Approach Bridges :** Approach Bridges Adequate Nos.	05 Nos. Completed	05 Nos. Completed
(iv)	**Reclamation :** Reclamation are about (200 Ha.) for development of storage yard, internal roads, railway, railway container depot, parking area, office & other operational building, container terminal gate complex etc.	110 Ha. Completed	90 Ha
(v)	**Road and Rail Connectivity :**		
	Up to 12 lane connecting road (4:8 km) up to NhavaSheva Police Station	12 lane access road filling completed and 6 lane in	Additional 6 lane road to be completed
	Rail Container Depot for evacuation by Rail	One rail yard with 4 loop lines Completed	Rail yard with additional 2 loop lines

B. Equipment :

Sr. No	Project Scope as preapproved Environment Clearance	Phase – I	New TOR for Balance Work in Phase – II
(i)	Rail Mounted Quay Cranes (RMQC) at least 24 Nos.	9 Installed (balance arriving)	12 Nos.
(ii)	Rubber Tyred Gantry Cranes	18 Installed	36 Nos.
	(RTGC) at least 72 Nos.	(balance arriving)	
(iii)	Rail Mounted Gantry Cranes (RMGC) at least 08 Nos.	4 Installed	04 Nos.
(iv)	Tractor Trailers at least 240 Nos.	85 T.T. Provided (balance arriving)	120 Nos.

C. Associated Facilities :

Sr. No	Project Scope as preapproved Environment Clearance	Phase – I	New TOR for Balance Work in Phase – II
(i)	Electrification	Completed	To be Completed
(ii)	Water Supply, Drainage and Sewerage	Completed	To be Completed

	facilities		
(iii)	Associated Computer and Software network	Installed	To be Installed
(iv)	Fire Fighting facilities	Installed	To be Installed
(v)	Adequate Safety arrangement at the Terminal	Completed	To be Completed

5. The Authority noted that, the site is located in CRZ IV area, as per the CZMP of the JNPT, under CRZ Notification, 2011. JNPT has submitted the EIA/ EMP for the project. JNPT officials further represented that that public hearing condition is not mentioned in the TOR granted by the MoEF&CC, New Delhi.

6. The Authority after deliberation decided to recommend the proposal from CRZ point of view to MoEF&CC, New Delhi subject to following conditions:

Specific conditions:

i. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
ii. All the conditions of the earlier EC granted by the MoEF, New Delhi shall be adhered to.
iii. JNPT to ensure that the CWPRS should be consulted for the design of the 4th terminal.
iv. Environment Management Plans, Disaster Management Plan and oil spill response plan should be implemented during construction and operation phase of the project.
v. No construction should be permitted in mangrove or its 50 m buffer zone. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006. The JNPT to strictly ensure the same.
vi. JNPT to ensure that fisherman activities, if any the area should not be hampered during construction and operation of the project.
vii. Debris/ solid waste should not be dumped in the CRZ area
viii. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

General Conditions:

i. The MCZMA reserves the right to revoke this recommendation, if the conditions stipulated are not complied with to the satisfaction of the MCZMA or Environment Department.
ii. The MCZMA or any other competent authority, may stipulate any additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.
iii. A copy of the recommendation letter shall be marked to the concerned local body/ local NGO, if any, from whom any suggestion/ representation has been received while processing the proposal.
iv. This recommendation will be valid for 5 years from the date of issue of recommendation for commencement of construction & operation.
v. The environmental safeguard measures should be implemented in letter and spirit.
vi. The recommendation from CRZ point of view is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the

project proponent. Hence this recommendation does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

7. The agenda item and minutes are also available on the website of MCZMA i.e. http://mczma.gov.in.

(S. K. Nikam)
Director, Environment
& Member Secretary, MCZMA

Copy for information to:

1. **Principal Secretary,** Environment & Chairman, MCZMA, Environment Dept, Room No. 217, Annexe Building, Mantralaya, Mumbai.
2. **Member Secretary,** Maharashtra Pollution Control Board (MPCB), 3rd and 4th Floor, Kalpataru Point, Sion, Mumbai
3. **District Collector Raigad**
4. **Chief Manager (PP&D),** Jawaharlal Nehru Port Trust (JNPT), Administrative Building, Building Sheva, Navi Mumbai – 400 707
5. **Select File- TC 4**

Form-2

APPLICATION FOR PRIOR ENVIRONMENTAL CLEARANCE

1	**Details of Project**			
	a.	Name of the Project (s)	:	Construction of balance work of 4th Container Terminal and Marine Container Terminal at JNPT
	b.	Name of the Company / Organisation	:	M/s Jawaharlal Nehru Port Trust, Navi Mumbai, Maharashtra.
	c.	Registered Address	:	Jawaharlal Nehru Port Trust Sheva Navi Mumbai Sheva, Navi Mumbai - 400 707 Tel. No.022-27242326 / 27244156 email: cmppd@jnport.gov.in Fax No.022-27244178
	d.	Legal Status of the Company	:	Trust
	e.	Joint Venture (Yes/No)	:	No
		If Yes,		
		(i) No. of JV Partners (***Multiple Entries Allowed***)	:	

Name of the JV Partner	Share of the JV Partner	Address of the JV Partner	Email Id of JV Partner	Mobile No. of JV Partner
-	-	-	-	-

2	**Address for the correspondence**			
	a	Name of the applicant	:	S. V. Madabhavi
	b	Designation (Owner / Partner / CEO)	:	Chief Manager (Port Planning and Development)
	c.	Address	:	Administration Building, Sheva, Navi Mumbai
	d	Pin code	:	400707
	e	e-mail	:	cmppd@jnport.gov.in
	f.	Telephone No.	:	022-27242326 / 27244156
	g.	Fax No.	:	022-27244178
3	**Category of the Project/Activity as per Schedule of EIA Notification,2006**			
	a.	Project / Activity [1(a)(i) / 1(a)(ii) / 1(b) / 1(c) / 1(d) / 1 (e) / 2(a) / 2(b) / 3(a) / 3(b) / 4(a) / 4(b)(i)/ 4(b) (ii) / 4(c) / 4(d) / 4(e) / 4(f) / 5(a) / 5(b) / 5(c) / 5(d) / 5(e) / 5(f) / 5(g) / 5(h) / 5(i) / 5(j) / 6(a) / 6(b) / 7(a) / 7(b)/ 7 (c) / 7 (d) / 7 (da) / 7 (e) / 7 (f) / 7 (g) / 7 (h) / 7 (i) / 8 (a) / 8 (b)	:	. 7(e)
	b.	Category ($A/B_1/B_2$)	:	Category 'A'
		If B_1 or B_2		
		Reason for application at Central Level / State level (in case of B_2 projects)	:	Not Applicable

	C	If Others		NA
		Please Specify	:	
	d.	EAC concerned (for category A Projects only) (Coal Mining / Non-coal Mining / Thermal / River Valley & Hydro / Industry-I / Industry-II / Infrastructure-I / Infrastructure-II / Nuclear &Defence / CRZ	:	Infrastructure- II
	e.	New / Expansion /Modernization / One Time Capacity expansion (only for Coal Mining) / Expansion under Para 7(ii) / Modernization under Para 7(ii) / Change of Product Mix under Para 7(ii))	:	construction of balance work of 4th Container Terminal and Marine Container Terminal at JNPT under Para 7(ii)
4	**Location of the Project**			
	a.	Plot / Survey / Khasra No.	:	Coastal Project
	b.	Village	:	Juna Seva
	c.	Tehsil	:	Uran
	d.	District		Raigarh
	e.	State		Maharashtra
	f.	Pin Code		400702
	g.	Bounded Latitudes (North)		18 ^{0}56’ 43” (N)
	h.	Bounded Longitudes(East)		72^{0} 56’ 24” (E)
	i.	Survey of India Topo Sheet No.	:	47 B/13
	j.	Upload Topo Sheet File (*Upload pdf only*)	:	Uploaded as PDF
	k.	Maximum Elevation Above Means Sea Level(AMSL)	:	--
	l.	Upload (kml) File (*Upload kml only*)	:	Uploaded in the portal
	m.	Distance of Nearest HFL from the project boundary within the study area	:	It is the Coastal Project
	n.	Seismic Zone (Zone: 1 / 2 / 3 / 4 / 5)	:	3
5	**Whether project is executed in multiple States (Yes / No)?**			
	If Yes			
	a.	Number of States in which Project will be Executed (e.g. *1,2,3,4,5,6*)		1
	b.	Main State of the Project		Maharashtra
	c.	Other State (*Multiple Entries Allowed*) (If the project to be executed, does not belong to any state, then state category could be selected as 'Other')		--

State	District	Tehsil	Village
Maharashtra	Raigarh	Uran	Juna Seva

6	**Details of Terms of Reference (ToR)**			
	a.	Whether ToR is mandatory for submitting application (Yes / No)?	:	Yes

		If Yes		
	b.	Date of issue of ToR / Standard ToR	:	13/06/2018
	c.	MoEF&CC / SEIAA File No.	:	F.No.10-32/2018-IA-11 I
	d.	Upload ToR letter (PDF only)		Uploaded
7	**Details of Public Consultation**			
	a.	Whether the Project Exempted from Public Hearing (Yes/No)?	:	Yes
		If yes,		
		Reason	:	As per EIA Notification 2006 Para-7(ii)
	b.	Supporting Document (*upload pdf only*)	:	Uploaded
	c.	Whether details of Public Hearing available (Yes/No)?	:	Not Applicable
		If No,		
	d.	Reason thereof	:	Not Applicable
		Supporting Document (*upload pdf only*)	:	Not Applicable
		If Yes,		
	e.	Date of Advertisement of Public Hearing	:	--
	f.	Copy of advertisement in English (Upload PDF only)	:	--
	g.	Whether Public hearing was presided over by an officer of the rank of Additional District Magistrate or above (Yes/No)?	:	---
		If yes		
	h.	Designation of Presiding Officer (District Magistrate / District Collector / Deputy Commissioner / others - please specify)	:	---
	i.	Copy of duly signed Proceedings of Public Hearing in English (*Upload pdf only*)	:	---
	j.	Date of Public Hearing	:	---
	k.	Venue of Public Hearing:	:	--
		Village	:	--
		Tehsil	:	--
		District	:	- --
		State	:	--
	l.	Distance of Public Hearing Venue from the Proposed Project (km)	:	--
	m.	No. of people attended	:	--
	n.	If the multiple public hearings conducted	:	--

		Pl give the details of each PH as per (e) to (o) above		
8	**Details of Project Configuration / Product (*Multiple Entries Allowed*)**			
	a.	Whether the project is New (Yes/No?)	:	No
		If yes,		
	b.	Project Configuration	:	

- Rail Mounted Quay Cranes (RMQC) – At least 12 Nos. for both Phase I & II
- Rubber Tyred Gantry Cranes (RTGC) – At least 36 Nos. for both Phase I & II
- Rail Mounted Gantry Cranes (RMGC) – At least 04 Nos. for both Phase I & II
- Tractor Trailers – At least 120 Nos. for both Phase I & II

c. :

Product / Activity (Capacity / Area)	Quantity	Unit	Mode of Transport / Transmission of Product
Container handling	2.4	MTUS	Rail/Road
-	-	-	-

- Unit:- (Tons per Annum(TPA), Mega Watt(MW), Hectares(ha), Kilo Litre per Day(KLD), Tons Crushed per Day(TCD), Cubic Meter per Day, Kilometers(Km), Million Liters per Day(MLD), Others)
- Mode of Transport/Transmission of Product (Road, Rail, Conveyor Belt, Pipe Conveyor, Arial Ropeway, combination of two or three modes, Others)

9	**If Expansion / Modernization / One Time Capacity expansion (only for Coal Mining) / Expansion under Clause 7(ii) / Modernization under Clause 7(ii) / Change of Product Mix under Clause 7(ii)))**				
	a.	Details of environmental clearance granted earlier			
		(i)	Date of issue of environmental clearance	:	29/07/2008
		(ii)	MoEFCC / SEIAA File Number		10-18/2008IA-III
		(iii)	Upload EC Letter		Noted and Uploaded
	b.	Details of certified report on compliance of earlier environmental clearance conditions			
		(i)	Details of Regional Office of MoEFCC / Zonal Office of CPCB / SPCB / UTPCC from which certified report on compliance of earlier environmental clearance conditions obtained	:	MoEF&CC, Regional Office, Nagpur
		(ii)	Letter No and date	:	Report Awaited
		(iii)	Status of Compliance	:	The action plan for the observations

					raised by MoEFCC, Regional Office, Nagpur has been prepared and submitted to MoEF&CC- New Delhi and R.O, Nagpur report awaited
		(iv)	Certified report on compliance of earlier environmental clearance conditions (Including Monitoring Report) (*Upload pdf only*)	:	Compliance has been submitted on 4/5/2019 certification is awaited
		(v)	Date of site visit	:	22/06/2019
	c.	**Details of Consent to Operate**			
		(i)	Whether Consent to operate obtained (Yes/No)?	:	Yes (MOM received)
			If yes,		
		(ii)	Upload Copies of all Consent to operate obtained since inception (*Upload pdf only*)		-
		(iii)	Date of issue	:	09/02/2018
		(iv)	Valid up to	:	30/09/2019
		(v)	File No.	:	MPCBCONSENT-0000034035
		(vi)	Application No.	:	------
		(vii)	Upload Copy of Consent to operate valid as on date (*Upload pdf only*)	:	Copy of the MOM is uploaded and attached with EIA Report
	d.	Details of Capacity Expansion (*Multiple Entries Allowed*)			

Product/Activity (Capacity/Area)	Quantity From	Quantity To	Unit	Mode of Transport / Transmission of Product

- Unit:- (Tons per Annum(TPA), Mega Watt(MW), Hectares(ha), Kilo Litre per Day(KLD), Tons Crushed per Day(TCD), Cubic Meter per Day, Kilometers(Km), Million Liters per Day(MLD), Others)
- Mode of Transport/Transmission of Product (Road, Rail, Conveyor Belt, Pipe Conveyor, Arial Ropeway,combination of two or three modes, Others)

e. Details of Configuration (*Multiple Entries Allowed*)

Plant / Equipment / Facility	Existing Configuration	Proposed Configuration	Final configuration after expansion	Remarks if any

10	**Project Cost**			
	a.	Total Cost of the Project at current price level (in Lakhs)	:	319600
	b.	Funds Allocated for Environment Management (Capital) (in Lakhs)	:	(144 +72)
	c.	Funds Allocated Towards ESC (Entrepreneur Social Responsibility) (in Lakhs)	:	10000
	d.	Funds Allocated for Environment Management Plan (EMP) (Recurring per Annum) (in Lakhs)	:	72
11	**Whether project attracts the General Condition specified in the Schedule of EIA Notification (Yes/No)? [provide name of WL/CPA/ESA/Inter-state boundary / International boundary and distance from the project**		:	N.A.
		If Yes		
	a.	Protected Area Notified Under the Wild Life(Protection) Act,1972	:	
	b.	Critically Polluted Areas as identified by the Central Pollution Control Board from Time to Time	:	
	c.	Notified Eco-Sensitive Areas	:	
	d.	Inter-State Boundaries and International Boundaries	:	
12	**Whether projects attract the Specific Condition specified in the Schedule of EIA Notification (Yes/No)?**		:	N.A.
		If Yes		
	a.	If any Industrial Estate/Complex / Export processing Zones /Special Economic Zones/Biotech Parks / Leather Complex with homogeneous type of industries	:	

		such as Items 4(d), 4(f), 5(e), 5(f), or those Industrial estates with pre-defined set of activities (not necessarily homogeneous, obtains prior environmental clearance, individual industries including proposed industrial housing within such estates /complexes will not be required to take prior environmental clearance, so long as the Terms and Conditions for the industrial estate/complex are complied with (Such estates/complexes must have a clearly identified management with the legal responsibility of ensuring adherence to the Terms and Conditions of prior environmental clearance, who may be held responsible for violation of the same throughout the life of the complex/estate		
13	**Raw Material / Fuel Requirement (*Multiple Entries Allowed*)**			
	a.	Details of Raw Material / Fuel Requirement-**No Raw Material/Fuel Required for operation of the project only in emergency set will be Run which required HSD**		

Raw Material / Fuel	Quantity per Annum	Unit	Source(incase of Import, please specify country and Name of the port from which Raw Material / Fuel is received)	Mode of Transport	Distance of Source from Project Site (in Kilo meters) (In case of import, distance from the port from which the raw material / fuel is received	Type of Linkage (Linkage / Fuel Supply Agreement / e-auction / MoU / LOA / Captive / Open market / Others)

In case of expansion proposals, total requirement of raw material / fuel shall be given

- Unit:- (Tons per Annum(TPA), Mega Watt(MW), Hectares(ha), Kilo Litre per Day(KLD), Tons Crushed per Day(TCD), Cubic Meter per Day, Kilometers(Km), Million Liters per Day(MLD), Others)
- Mode of Transport/Transmission of Product (Road, Rail, Conveyor Belt, Pipe Conveyor, Arial Ropeway,combination of two or three modes, Others)

	b.	Upload copy of Linkage / Fuel Supply Agreement / e-auction / Memorandum of Understanding / Letter of Allocation / Captive source / others.	:	Purchase Orders
14	**Baseline Data (Air / Water / Noise / Soil / Ground water table/ Others)-This is the existing project Monthly monitoring is being carried out. (Monitoring Data Attached for Over the year)**			
	a.	Period of Base Line Data Collection		
		From (DD/MM/YYYY)	:	January 2018
		To (DD/MM/YYYY)	:	October 2018
	b.	Season (Summer / Pre-monsoon / Post-monsoon / Winter)	:	Winter
	c.	No. of Ambient Air Quality (AAQ) Monitoring Locations	:	6 Locations
	d.	Details of AAQ Monitoring (*Multiple Entries Allowed*)		

Criteria Pollutants	Unit	Maximum Value	Minimum Value	98 Percentile Value	Prescribed Standard
PM_{10}	$\mu g/m^3$	149.70	57.50		100
$PM_{2.5}$	$\mu g/m^3$	48.10	44.0		60

SO_2	μg/m³	32.10	27.50		80
NO_2	μg/m³	37.50	31.90		80
CO	Mg/m³	3.6	1.3		4.0
O_3	μg/m³	13.60	9.80		100
NH_3	μg/m³	29.50	27.1		400
Pb	μg/m³	0.10	0.10		1.0
BaP	ng/m³	0.50	0.50		1.0
As	ng/m³	5.0	5.0		6 ng/m³
Ni	ng/m³	1.0	1.0		20 ng/m³
C_6H_6	μg/m³	1.7	1.4		5

- Criteria Pollutants: - (PM10, PM2.5, SO2, NOx, Others parameters specific to sector)
- Unit: - (Micro Gram per Meter Cube,Nano Gram per Meter Cube,Mili Gram per Meter Cube, NA)
- **Note: PM10 cross the limit during January and October, Preventive measures are being in practice to mitigate the same**

e.	No. of Ground Water Monitoring Locations (*Multiple Entries Allowed*)	:	N.A.
f.	Details of Ground Water Monitoring-N.A		

Criteria Pollutants: - (pH, TSS, TDS, Total Hardness, Chlorides, Fluoride, Heavy Metals, other parameters specific to the sector)

- Unit :- (mg/l, NA)

g.	No. of Marine Water Monitoring Locations	:	14 Locations
h.	Details of Ground Water Monitoring (*Multiple Entries Allowed*)		

Criteria Pollutants	Unit	Maximum Value	Minimum Value	98 Percentile Value	Prescribed Standard
pH	-	8.29	6.8	-	6.5 to 8.5
DO	mg/l	7.5	4.2	-	3.0 mg/l min
BOD	mg/l	<2.0	<2.0	-	-
COD	mg/l	<99	<31	-	-

- Parameter :- (pH, DO, BOD, COD, Others parameters specific to the sector)
- Unit :- (mg/l, NA)

i.	No. of Ambient Noise Monitoring Locations	:	12 Locations
j.	Details of Noise Monitoring (*Multiple Entries Allowed*)		

Parameter	Unit	Maximum Value	Minimum Value	98 Percentile Value	Prescribed Standard
L_{day}	dB(A)	78.0	60.0	-	75
L_{night}	dB(A)	78.50	59.40	-	70
L_{eq}	dB(A)	78.10	55.30	-	-

- Parameter:- (Leq(Day),Leq(Night))
- Unit :- (A-weighted decibels(dB(A))
- **Preventive measures are being in practice to reduce the Noise level**.

	k.	No. of Soil Monitoring Locations (*Multiple Entries Allowed*)	:	N.A.

Parameter	Unit	Maximum Value	Minimum Value	98 Percentile Value

- Parameter :- (pH, N(Nitrogen), P(Phosphorus), K(Potassium), Electric Conductivity)
- Unit :- (Millisiemens per Centimeter, Milligram per Litre, Percent, Centimeter per Second, Milliequivalents per 100 Gram, Milligram per Kilogram, Parts per Million, Kilogram per hectare, Others)

	l	**Ground Water Table-N.A.**		
	i	Range of Water Table Pre-Monsoon Season (Meters Below Ground Level (m bgl)):		
		From	:	
		To	:	
	ii	Range of Water Table Post-Monsoon Season (Meters Below Ground Level (m bgl)):		
		From	:	
		To	:	
	iii	Whether Ground Water Intersection will be there (Yes / No)?	:	
		If Yes,		
		(i) Upload Copy of Central Ground Water Authority Letter (*Upload pdf only*)	:	-
		(ii) Letter No.	:	-
		(iii) Date of issue	:	-
15	**Details of Water Requirement (During Operation)**(*Multiple Entries Allowed*)			
	a.	Details		

Source	Quantity in KLD	Method of water withdrawal	Distance from Source	Mode of Transport
Maharashtra Jeevan Pradhikaran (MJP)	15	Nhava Sheva Water Supply scheme.	2.0	Pipeline
Total	**15KLD**			

- Source: Surface /Ground Water /Sea /Others
- Mode of Transportation: Pipeline /Canal /Others
- Method of water withdrawal: Barrage / Weir / Intake well / Jackwell / Tube well / Open well / Others

	b.	Upload Copy of Permission from Competent Authority (*Upload pdf only*) : Enclosed as Annexure		
	c.	Letter No.	:	

	d.	Date of issue	:	
	e.	Permitted quantity	:	
	f.	Whether Desalination is proposed (Yes/ No)	:	No
		If Yes,		
		(i) Desalination capacity (KLD)	:	Not Applicable
		(ii) Quality of Brine (KLD)	:	Not Applicable
		(iii) Mode of Disposal of brine	:	Not Applicable

16 **Waste Water Management (During Operation) 390 CUM/ Day Capacity STP installed for both of the terminal**

Type / Source	Quantity of Waste Water Generated	Treatment Capacity	Mode of Disposal	Quantity of Treated Water Used in Recycling / Reuse	Quantity of Discharged Water (Kilo Litre per Day)
Total water requirement during construction phase will be up to 15 KLD waste generated up to 10 KLD initially 390 KLD STP installed for optimum use if further required capacity will be enhanced .					

	a.	Total Waste Water Generation	:	10 KLD
	b.	Total Discharged Water	:	-
	c.	Total Reused Water	:	10 KLD

17 **Solid Waste Generation Management**(*Multiple Entries Allowed*) - waste generated during construction phase will be segregated and use for refilling of low-lying area & recyclable waste (if any)will be send to MPCB.

Item	Quantity per Annum	Unit	Distance from Site	Mode of Transport	Mode of Disposal

- Item:- (Industrial waste,Municipal Solid waste,Fly ash, Bottom Ash, Hazardous Waste (as per Hazardous and Other Waste Management Rules 2016),E Waste,Bio-Medical waste,Construction & Demolition waste,Plastic Waste,Others)
- Unit:- (Tons,Kiloliter)
- Mode of Disposal:- (Treatment, Storage and Disposal Facility(TSDF),Authorized Re-

	cyclers,Landfills,Sanitary Landfills,Others)
18	**Air Quality Impact Prediction** (*Multiple Entries Allowed*) N.A.

Criteria Pollutants	Unit	Baseline Concentration	Minimum Value	Incremental Concentration	Total GLC	Prescribed Standard
PM_{10}	$\mu g/m^3$					

- Parameter:- (PM10, PM, SO2, NOx, Others parameters specific to the sector)
- Unit :- (Microgram per Meter Cube, NA)

19	**Power Requirement**			
	a.	Quantity (Kilo Volt Amps (KVA))	:	The total electrical power requirement for the proposed 4th container terminal is estimated to be 60MVA (As 30MVA for each of the two terminals of 4 Container Terminal).
	b.	Source	:	Maharashtra State Electricity Distribution Company Ltd
	c.	Upload Copy of Agreement (*Upload pdf only*)	:	-
	d.	Standby Arrangement (Details of DG Sets)	:	1600kVA DG set in emergency
	e.	Stack Height (in m)	:	Not Applicable
20	**Land Ownership Pattern (Prior to the project proposal) in Ha JNPT own Land** Details given in EIA Chapter-2			
	a.	Forest land	:	Nil
	b.	Private Land	:	Nil
	c.	Government Land	:	Nil
	d.	Revenue Land	:	Nil
	e.	Other Land	:	Nil
		Total land		
21	**Present Land Use breakup in Ha-** Details given in EIA Report chapter-2			
	a.	Agriculture Area	:	-
	b.	Waste/Barren Area	:	-
	c.	Grazing/ Community Area	:	-
	d.	Surface Water bodies	:	-
	e.	Settlements		-
	f.	Industrial	:	-
	g.	Forest	:	--
	h.	Mangroves		-
	i.	Marine area		-
	j.	Others (Specify)	:	-
		Total	:	--

22	**Land requirement for various activities (Multiple entries allowed) in Ha**	:	➢ Construction of 1000 m quay length for the new container terminal as Phase-I and an additional 1000 m quay length container berth as Phase-II and guide bund of 200 m ➢ Construction of piled approach bridges to container berths and chemical berth, ➢ Reclamation of 200ha of land behind container berth for backup facilities, ➢ Construction of marine chemical berth of 600 m quay length with berth on two sides in Phase-II development of chemical handling and storage facilities,

rail connectivity and other facilities is also envisaged in the project.
Construction of chemical terminal 600m quay length in Phase II for handling A, B, C class liquid cargo.

- Activity / Facility / Plant / Others include: Main Plant, Township, Greenbelt, Ash pond, Quarry area, OB dump Area, Safety zone, Tailing pond, Landfill, Water reservoir, De-sanitation plant, Area for solid waste management, Built-up area, others

23	**Ecological and Environmental Sensitivity (Within 10 Km):-<u>WLS-Wild Life Species; NPA-Notified Protected Area; ESAs-Eco Sensitive Areas;ESZs- Eco Sensitive Zones)-No</u>**			
	a.	Details of Ecological Sensitivity	:	No this is the Coastal area project

Details of Ecological Sensitivity	Name	Distance from the Project (Km)	Remarks
The project itself Part of marine water body	-Arabian Sea	-	-
-	-	-	-
- Details of Ecological Sensitivity: - (Critically Polluted Area, WLS, NPA, ESAs, ESZs, Corridors, Wildlife Corridors)			

	b.	Whether NBWL recommendation is required (Yes/No)?	:	No
		If yes		
		Upload NBWL recommendation in PDF	:	Not Applicable
	c.	Details of Environmental Sensitivity	:	Not Applicable

Details of Environmental Sensitivity	Name	Distance from the Project (Km)	Remarks
Forest			-
Defense Installation Archaeological Sites		-	-

	- Details of Environmental Sensitivity:- (Forest, Archaeological Sites, Defence Installations, Others)			
	d.	Whether NoC / Permission from the competent authority is required (Yes/No)?	:	No
		If yes		
		Upload NoC / Permission from the competent authority in PDF	:	-
24	**Forest Land-Nil**			
	1	Whether any Forest Land involved(Yes/No)?	:	No
		If Yes		
	a.	Forests Clearance Status (In-Principle(Stage-I) Approval Obtained / Final (Stage-II) Approval Obtained / Forest Clearance Under Process(Stage-I) / Forest Clearance Under Process(Stage-II) / Application for Forest Clearance yet to be Submitted)	:	
		If In-Principle (Stage-I) Approval Obtained,		
		(i) MoEFCC file number	:	
		(ii) Date of InPrinciple (Stage-I) approval	:	
		(iii) Area diverted	:	
		(iv) Upload FC Letter (Upload pdf only and attach it as Annexure-FC letter)	:	
		If Final (Stage-II) Approval Obtained,		
		(i) MoEFCC file number	:	
		(ii) Date of Final Approval	:	
		(iii) Date of In-Principle Approval	:	
		(iv) Area diverted	:	
		(v) Upload FC Letter*(Upload pdf only and attach it as Annexure-FC letter)*		
		If Forest Clearance under process (Stage-I),		
		(i) MoEFCC file number	:	
		(ii) Area applied	:	
		If Forest Clearance under process (Stage-II),		
		(i) MoEFCC file number	:	
		(ii) Area applied	:	
	b.	Legal Status of Forest Land (Reserved, Protected, Private, Village, Others)		
		If Others,		
		Please Specify Others	:	
25	**Tree Cutting, if any-Nil**			
	a.	No. of Trees Cut for the Project (if Forestland not involved)	:	
	b.	Details of Tree Cutting and Planting of Trees (*Upload pdf Only*)	:	

26	**Land Acquisition Status- Balance construction of JNPT 4th Container Terminal**			
	a.	Acquired Land	:	
	b.	Land yet to be acquired	:	
	c.	Status of Land acquisition if not acquired	:	
27	**Rehabilitation and Resettlement (R&R)-Not Applicable**			
	a.	No. of Villages		
	b.	No. of Households		
	c.	No. of PDFs (Project Displaced Families)		
	d.	No. of PAFs (Project Affected Families)		
	e.	Funds Allocated for R&R		
	f.	Status of R&R (Completed / In-progress / Yet to start)		
28	**Whether there is Presence of Schedule-I Species (Yes/No)?**		:	Nil
		If yes,		
	a.	Details of Schedule-I Species	:	
	b.	Whether conservation plan for Schedule-I Species has been prepared (Yes/ No)?	:	
		If Yes,		
		(i) Upload conservation plan (Upload only PDF)		
		(ii) Fund Provision made		
		(iii) Period of Implementation		
	c.	Whether conservation plan for Schedule-I Species has been approved by competent authority (Yes/ No)?		
		(i) Upload copy of approval (Upload PDF Only)	:	
		(ii) Letter No.	:	
		(iii) Date of issue	:	
		(iv) Recommendations if any	:	
29	**Whether there is Presence of Water Bodies in Core Area(Yes/No)?**		:	NO This the Coastal Area Project
		If yes,		
	a.	Details of Water Bodies in Core Area	:	
	b.	Whether there is Diversion required (Yes/No)?	:	
		If yes,		
	c.	Details of diversion required		
	d.	Details of study conducted		
	e.	Whether permission has been obtained from competent		

		authority (Yes/No)?		
		(i) Upload copy of permission (Upload PDF Only)		
		(ii) Letter No.		
		(iii) Date of issue		
		(iv) Recommendations if any		
30	**Whether there is Presence of Water Bodies in Buffer Area(Yes/No)?**		:	Yes
		If Yes		
	a.	Details of Water Bodies in Buffer Area	:	Nhava Creek
	b.	Direction of Water Bodies in Buffer Area (North / South / East / West / North East / North West / South East / South West)	:	South
	c.	Distance of Water Bodies in Buffer Area (kilo meters)		2
31	**Manpower Requirement - The proposed project is a Balance Construction work of JNPT 4 containers Terminal.**			
	a.	Permanent employment during construction	:	-
	b.	Permanent employment during operation	:	-
	c.	Temporary employment during construction	:	2000
	d.	Temporary employment during operation	:	-
	e.	No. of working days	:	
	f.	Total manpower	:	
32	**Green Belt in Ha Existing Project of JNPT for Balance construction work of 4th Container Terminal**			
	a.	In case of new projects	:	
	i.	Total Area of Green Belt		Green belt development with 600ha would be taken up with mangroves. Further, 400ha of green belt along roads would be taken up. 160 ha of land is reserved for nature and eco-park
	ii.	Percentage of Total Project Area	:	
	iii.	No. of Plants to be Planted	:	
	iv.	Funds Allocated for Plantation	:	
	v	Upload Green Belt Plan (Upload PDF Only)	:	
	b.	Incase of expansion / modernization / change in product mix etc.		Balance construction Work

	i.	Description	Existing	Proposed	Total	
		Total Area of Green Belt	1000Mtr Mangroves	1000M under avenue plantation	2000 Mtr	

33	**Project Benefit (*Multiple entry allowed*)-**

Type of Project Benefits	Details of Project Benefit
Social, Economic development	

Jalyukt Shivar work & Other Work	**Amount (INR Lakhs) 2016-2017**	**Amount (INR Lakhs) 2017-2018**	**Amount (INR Lakhs) 2018-2019**
District Collector, Vardha	--	129.20	
District Collector, Amravati	--	25.00	
District Collector, Jalgaon	--	25.00	
District Collector, Nandurbar	25.00	25.00	
District Collector, Solapur	50.00	--	
District Collector, Usmanabad	37.50	75.00	
District Collector, Wasim	25.00	168.07	
District Collector, Jalana	83.00	25.00	
District Collector, Yavatmal	112.50	--	
District Collector, Aurnagabad	100.00	--	
District Collector, Pune	50.00	--	
District Collector, Latur	25.00	25.00	
Executive Engineer, Kharland	--	10.00	
District Collector, Nasik	--	50.00	
District Collector Wardha	--	112.47	
Dr. Babasaheb Ambedkar Vaidkaya Pratishthan, Aurangabad	--	500	
Madhav Netralaya Eye	--	500.00	

Institute and Research Centre, Nagpur				
Shree Bhavani Mata Seva Samitee	--	300.00	200.00	
Hanuman Krida Prasarak Va Bahuuddeshiya Mandal	--	05.00		
Gulshan Founadation	--	10.80		
Vanvasi Kalyan Ashram	--	150.00		
J. K. Trust, Mumbai	--	150.00		
Shiv Chhatrapati Pratishtan, Pune	--	500.00		
Shushrusha Citizen Co-op Hospital Ltd.			100	
SERCH, Nagpur			500.00	
Sanvedana Celebral Palsy Vikasan Kendra Latur			50.00	
Green Thumb Pune			50.00	
Matru Seva Sangh			21.42	
Rashtra Sant Tukdoji Regional cancer Hospital and Research Centre			80.00	
Bharatiy Shikshan Mandal			59.20	
Total	**508.00**	**1578.17**	**42.55**	

	Employment			Around 2600 nos. of direct and indirect employment have been provided by JNPT to JNP-PAPs. In addition, many PAPs got direct and indirect employment with private terminal operators and Container Freight Station etc. in and around JNPT.		
	(Project benefits shall include environmental, social and others)					
34	**Whether the Project / Activity attracts the provisions of CRZ (Yes/No)?**				:	Yes
	If yes,					
	1	**Project Details**				
		a.	CRZ Classification: (CRZ I (A), CRZ I(B), CRZ II, CRZ III, CRZ IV (A), CRZ IV(B))			CRZ-1V
		b.	Location type: (Non-Eroding Coast, Low and Medium Eroding Coast, High Eroding Coast)			Non-Eroding
		c.	Details of Mangroves Land Involved, if Any			Nil
		d.	Area of Mangroves Land (hectare)			Nil
		e.	EIA (Terrestrial) Studies: (Carried Out, Not Carried Out)			N.A.
			If Carried Out,			
			1)	Summary Details of EIA (Terrestrial) Studies		Uploaded
			2)	Upload Recommendation made in EIAs (Upload pdf only)		Uploaded
			3)	Period of Study from (EIA Terrestrial)		January 2018
			4)	Period of Study to (EIA Terrestrial)		October 2018
			If Not Carried out			
				Give Reason		
		f.	EIA (Marine) Studies: (Carried Out, Not Carried Out)			Carried Out
			If carried out			
			1)	Summary Details of EIA (Marine) Studies		Uploaded
			2)	Upload Recommendation made in EIAs		Uploaded
			3)	Period of Study from (EIA Marine)		January 2018
			4)	Period of Study to (EIA Marine)		October 2018

			If Not Carried out,		
			Give Reason		
		g.	Disaster Management Plan/National Oil Spill Disaster Contingency Plan (if Applicable)		The disaster management plan is prepared and given in, Chapter-7 of EIA Report and National Oil Spill Disaster Contingency Plan is enclosed separately
	2.	**Description of the Project Under Consideration**			
		a.	Type of Project: (Resort/Buildings/civic amenities, Coastal Roads/Roads on Stilt, Pipelines from Thermal power Blow Down, Marine Disposal of Treated Effluent, Facility for Storage of Goods/Chemicals, Offshore structures, Desalination Plant, Mining of Rare Earth/Atomic Minerals, Sewage Treatment Plants, Lighthouse, Wind Mills, Others)		Balance construction work of the 4th Container terminal of JNPT
			If Resort/Buildings/civic amenities,		N.A.
		1)	Agency Name for Preparing CRZ Maps		
		2)	Total Area/Built-up Area (hectare)		
		3)	Height of Structure		
		4)	FSI Ratio		
		5)	The governing Town Planning Rules/Regulations		
		6)	Details of Provision of Car Parking Area		
			If Coastal Roads/Roads on stilt,		
		1)	Agency Name for Preparing CRZ Maps		
		2)	Area of Land Reclamation		
		3)	Estimated Quantity of Muck/Earth for Reclamation		
		4)	Carrying Capacity of Traffic		
			If Pipelines from Thermal Power Blow Down,		N.A.
		1)	Agency Name for Preparing CRZ Maps		
		2)	Length of Pipeline		
		3)	Length Traversing CRZ Area		
		4)	Depth of Excavation		
		5)	Width of Excavation		
		6)	Length of Pipeline from Seashore to Deep Sea		

			7)	Depth of Outfall Point from Surface of Sea Water		
			8)	Temperature of effluent above Ambient at Disposal Point		
			If Marine Disposal of Treated Effluent,			N.A.
			1)	Agency Name for Preparing CRZ Maps		
			2)	Location of Intake/Outfall		
			3)	Depth of Outfall Point		
			4)	Length of Pipeline		
			5)	Length Traversing CRZ Area		
			6)	Depth of Excavation		
			7)	Width of Excavation		
			8)	Length of Pipeline from Seashore to Deep Sea/Creek		
			9)	Depth of Outfall Point from Surface of Sea Water		
			10)	Depth of Water at Disposal Point		
			11)	Type of Disposal		
			If Facility for Storage of Goods/Chemicals,			N.A.
			1)	Agency Name for Preparing CRZ Maps		
			2)	Name and Type of Chemical		
			3)	End use of the Chemical		
			4)	No. of Tanks for Storage		
			5)	Capacity of tanks		
			If offshore structures,			
			1)	Agency Name for Preparing CRZ Maps		
			2)	Exploration or Development		
			3)	Depth of Sea Bed		
			4)	No. of Rigs/Platform		
			5)	Details of Group Gathering Stations		
			If Desalination Plant,			N.A.
			1)	Agency Name for Preparing CRZ Maps		
			2)	Capacity of Desalination		
			3)	Total Brine Generation		
			4)	Temperature of Effluent above Ambient at Disposal Point		
			5)	Ambient Salinity		
			6)	Disposal Point		

			If Mining of Rare Earth/Atomic Minerals,			N.A.
			1)	Agency Name for Preparing CRZ Maps		
			2)	Capacity of Mining		
			3)	Volume/Area to be mined		
			4)	Type of Mineral to be Extracted		
			5)	End use of the Mineral		
			If Sewage Treatment Plants,			N.A.
			1)	Agency Name for Preparing CRZ Maps		
			2)	Capacity		
			3)	Total Area of Construction		
			4)	Compliance of effluent parameters as laid down by CPCB/SPCB/other authorized agency		
			5)	Whether discharge is in sea water/creek? If yes,		
				Distance of Marine Outfall Point from Shore/from the tidal river bank		
				Depth of Outfall Point from Sea Water Surface		
				Depth of Sea at Outfall Point		
			If Lighthouse,			N.A.
			1)	Agency Name for Preparing CRZ Maps		
			2)	Total Area of Construction		
			3)	Height of the Structure		
			If Wind Mills,			N.A.
			1)	Agency Name for Preparing CRZ Maps		
			2)	Capacity (MW)		
			3)	Transmission Lines: (Overhead, Underground)		
			4)	Diameter of Windmill		
			5)	Length of Blade		
			6)	Speed of Rotation		
			7)	Height of the Structure		
			If Others,			
			1)	Agency Name for Preparing CRZ Maps		
			2)	Please Specify with salient features		
			3)	Upload relevant Document (*Upload pdf only*)		

	3.	**Distance of Project (In Meters) from LTL/HTL to be Stated**				This is the coastal Project
		a.	Clause of CRZ Notification Under which the Project is a Permissible/Regulated Activity			CRZ-IV
		b.	Whether CRZ Map Indicating HTL, LTL Demarcation in 1:4000 Scales Prepared? (Yes/No)			Yes
			If Yes,			
			1)	Distance of Project (in meters) from HTL to be Stated		0
			2)	Upload Maps(*kml File*)		Uploaded
			3)	Distance of Project(in meters) from LTL to be Stated		-
			4)	Upload Maps (*kml File*)		-
		c.	Whether Project Layout Superimposed on CRZ Map 1:4000 Scales?: (Yes/No)			Yes
			If Yes,			
			1)	Upload Maps (*kml File*)		Uploaded
		d.	Whether CRZ Map 1:25000 Covering 7 km Radius Around Project Site Prepared? (Yes/No)			Yes
			If Yes,			
			1)	Upload Maps (*kml File*)		Uploaded
		e.	Whether CRZ Map Indicating CRZ-I,II,III and IV Including Other Notified ESAs Prepared?: (Yes/No)			Yes
			If Yes,			
			1)	Upload Maps (*kml File*)		Uploaded
		f.	NOC from State Pollution Control Boards Obtained: (Yes/No)			Yes
			If Yes			
			1)	Upload Copy of NOC (*Upload pdf only*)		MOM Uploaded
		g.	Details of Rain Water Harvesting System			N.A.
	4.	**Recommendation of State Coastal Zone Management Authority**				
		a.	Upload Copy of CZMA (*Upload pdf Only*)			Uploaded
		b.	State the Conditions Imposed			Noted

		c.	Social and Environmental Issues and Mitigations Measures Suggested Including but not Limited to R&R, Water, Air, Hazardous Wastes, Ecological aspects, etc. (Brief Details to be Provided)		Noted and Incorporated in the Chapter-4 of the EIA Report
35	**Sector Specific Details**				
I	**Whether the proposal is mining of minerals (coal / non-coal) project (Yes/No)?**			:	No.
		If yes,			
	1	No. of Mineral to be Mined (Multiple Entries Allowed)		:	
			Minerals To be Mined	Major or Minor Mineral	
			Iron Ore	Major	
	2	Mine Capacity in ROM (Run of Mine)		:	
	3	Upload 500 meters Cluster Certificate from State Mines and Geology in case of minor minerals (Upload pdf Only)			
	4	**Mining Plan**			
		a.	Approval Letter No.	:	
		b.	Date of Approval	:	
		c.	Upload Approved Letter (*Upload pdf only*)		
		d.	Approved by State Mines & Geology Department / Indian Bureau of Mines / Ministry of Coal /Ministry of Mines /State Government /Atomic Mineral Directorate / Others)		
		e.	If Others,		
			Please specify		
		f.	Approved Mining Lease Area		
		g.	Approved Capacity		
	5	**Technical Details**			
		a.	Total Geological Reserves (Million Ton)		
		b.	Mineable Reserves (Million Ton)		
		c.	Extractable Reserves(Million Ton)		
		d.	Percent of Extraction(%)		
		e.	Grade of Coal /Ore /Mineral		
		f.	Stripping Ratio		
		g.	Category of Gaseousness (Only for Coal Mining, Others may write Not applicable)		
		h.	Average Gradient(Degree)		
		i.	Maximum Thickness of Seams(meters) (Only for Coal Mining, Others may write Not applicable)		
		j.	Mining Method (Opencast / Underground /Mixed(Opencast + Underground) /Adit		
		k.	Life of Mine (Years)		

	6	**Details of beneficiation (including crushing / screening/others)**			
		a.	Whether it is proposed to install crusher within the mining lease area (Yes/No)?		
			If yes,		
		b.	No. of crushers		
		c.	Details of crusher (Multiple entries allowed)		
		Crusher ID	Capacity (in TPH)	Remarks	
		d.	Whether it is proposed to install beneficiation plant / Coal washery within the mining lease area (Yes/No)?		No
			If yes,		
		e.	Beneficiation / washing Technology		
		f.	Capacity		
	7	**Details of Seams if applicable**			Not Applicable
		a.	No. of seams		
		b.	Thickness of seams to be worked on		
		c.	Maximum Thickness of Seams(meters) (if not Applicable,may Write NA)		
	8	**Details of Mining Lease**			Not Applicable
		a.	Details of Mining Lease		
		b.	Upload Letter of Intent (Upload pdf only)		
		c.	Date of Execution of Mining Lease with Reference Number		
		d.	Validity of Mining Lease		
		e.	Upload Copy of Executed Lease deed valid as on Date (Upload pdf only)		
		f.	Earlier Renewals (Multiple Entries Allowed)		
			Uploaded Copy of Earlier Lease	Date of Renewal	
	9	**OB (Over Burden) Management (Only if Mining Method: Opencast)**			Not Applicable
		a.	**Details of External Dumps**		
			i) No. of OB Dumps		
			ii) Total Area (in Hectare)		
			iii) Height (in meter)		
			iv) Quantity (in Million Cubic meter)		
			v) No. of year back fill up		
		b.	**Details of Internal Dump**		

			i) No. of Internal Dumps		Not Applicable
			ii) Total Area (in Hectare)		Not Applicable
			iii) Height (in meter)		Not Applicable
			iv) Quantity (in Million Cubic meter)		Not Applicable
	10	**Details of Topsoil Management**			
		a.	Quantity of Topsoil excavated during the entire life of the mine (in Million Cubic meter)		Not Applicable
		b.	Quantity of Topsoil proposed for utilization for reclamation during the entire life of the mine (in Million Cubic meter)		Not Applicable
		c.	Quantity of Topsoil proposed for utilization for other activities during the entire life of the mine (in Million Cubic meter)		Not Applicable
	11	**Detail of Final Mine Void(Only if Mining Method: Opencast)**			
		a.	Area (in Hectare)		-
		b.	Depth (in meter)		-
		c.	Volume (in Million Cubic meter)		-
	12	**Details of Quarry(Only if Mining Method: Opencast)**			
		a.	Final Void of (hectare)		
		b.	At a Depth of (meter which is proposed to be converted into a Water Body.)		
		c.	Total Quarry Area (ha)		
	13	**Details of Transportation**			
		a.	*In Pit/Underground to Surface*		
		b.	*Surface to Siding/Loading*		
		c.	Transportation / Conveyor Details		
	14	**Details of Land Usage (Pre-Mining)**			

Land Use	Within ML Area (Hectare)	Outside ML Area (Hectare)	Total
Agriculture Land			
Forest Land			
Waste Land			
Grazing Land			
Surface Water Bodies			
Settlements			
Others(Specify)			

	15	**Details of Transportation**			
		a.	In Pit/Underground to Surface		Dumpers
		b.	Surface to Siding/Loading		

		c.	Transportation / Conveyor Details		
	16	**Details of Land Usage (Pre-Mining)**			

Land Use	Within ML Area (Hectare)	Outside ML Area (Hectare)	Total
Agriculture Land			
Forest Land			
Waste Land			
Grazing Land			
Surface Water Bodies			
Settlements			
Others(Specify)			

		Others				
	17	**Details of Land Usage (Post-Mining) N.A.**				
		Land Use	Plantation	Water Body	Public Use	Others
		Excavation / quarry				
		Top Soil Storage				
		External OB dumps				
		Internal OB dumps				
		Roads				
		Built Up Area (Colony/Office)				
		Green Belt				
		Virgin Area				
		Other (Safety zone)				
		Total				

	18	**Details of Reclamation(Only if Mining Method: Opencast)Total Afforestation Plan shall be Implemented Covering of Mining. This will include:**			N.A.
		a.	External OB Dump(in hectare)		-
		b.	Internal Dump(in hectare)		-
		c.	Quarry(in hectare)		-
		d.	Safety Zone(in hectare)	:	-
		e.	Final Void of (hectare)	:	-
		f.	At a Depth of (*meter which is proposed to be converted into a Water Body.*)	:	-
		g.	Density of Tree Plantation per ha (in no.)	:	-
		h.	Others in ha (such as Excavation Area along ML Boundary, along Roads and Infrastructure, Embankment Area and in Township Located outside the Lease etc.)		-
		i.	Total afforestation plant (in hectare)		
	19	**Status of Progressive Mining Closure Plan (For Expansion Projects only)**			N.A.
		a.	Implementation of Various Activities as per Approved Progressive Mine Closure Plan(in Bar Chart) (pdf) (*Upload pdf only*)		
		b.	Any Deviation from the Approved Progressive Mine		

			Closure Plan		
		c.	Total Area Excavated(in hectare)		
		d.	Total Area Backfilled after Excavation(in hectare)		
		e.	Total Area Reclaimed (in hectare)		
	20	**Actual Coal/Ore Production vis-a-vis sanctioned capacity Since inception (*Multiple Entries Allowed*)**			

Financial Year	Sanctioned Capacity as per EC (MTPA)**	Sanctioned capacity as per CTO*	Sanctioned capacity as per approved Mining Plan**	Actual Production (MTPA)**	Excess Production Beyond the EC / CTO / Mining Plan Sanctioned Capacity (MTPA)

Note: * is for combined project of 14/11C Iron ore mining project.
** is for combined project of 14 NMZ and 11C (Part of 11 ML)

II	**Whether proposal is for Thermal Project (including captive power plant and Waste Heat Recovery Plant) (Yes/No)?**				No
		If yes,			
	1	**Specifications of the Plant**			
		a.	Technology proposed (Supercritical, Sub-Critical, CFBC, AFBC, PFBC, IGCC, Incineration, Pyrolysis, Gasification, Bio-methanation, Others)	:	Not Applicable

		b.	Plant Load Factor (%)	:	Not Applicable
		c.	Station Heat Rate (Kcal/Kwh)	:	Not Applicable
		d.	Steam Rate/Flow Rate	:	Not Applicable
		e.	Boiler Temperature	:	Not Applicable
		f.	Boiler Pressure	:	Not Applicable
		g.	Type of Stack (Single flue / Bi-flue / Tri-Flue)	:	Not Applicable
		h.	No. of Stacks		Not Applicable

Stack ID	Stack height (m)	Stack Diameter at exit (m)	Exit velocity of stack gas (m/s)	Exit temperature of stack gas (°C)
-	-	-	-	-
-	-	-	-	-

	2	**Details of fuel linkage (please specify if multiple linkages are involved)**			N.A.
		a.	Type of linkage (Linkage / Fuel Supply Agreement / e-auction / MoU / LOA / Captive / Open market / Others)		
		b.	Quantity of linkage granted		
		c.	Date of Linkage		
		d.	Duration of linkage		
	3.	**Details of Transportation of fuel**			

Details / Mode	Distance (km)	Quantity (TPA)
Rail	-	-
Road	-	-
Pipeline	-	-
Conveyor	-	-
Other mode (Please specify)	-	-

	4.	**Details of Fuel Characteristics**			
		a.	Gross Calorific Value (Kcal/Kg)		Not Applicable
		b.	Ash content (%)		Not Applicable
		c.	Sulphur Content (%)		Not Applicable
		d.	Moisture (%)		Not Applicable
		e.	Mercury (mg/kg)		Not Applicable
		f.	Fixed Carbon (%)		Not Applicable
		g.	Volatile Matter (%)		Not Applicable

	5.	**Details of Cooling system**			
		a.	Type of cooling system: Air cooled/Water cooled		Not Applicable
		b.	Type of draft: Natural draft/Forced draft		Not Applicable
		c.	Type of air circulation: Parallel flow/ Counter flow		Not Applicable
		d.	Cycles of Cooling (COC):		Not Applicable
		e.	Water requirement for cooling (m^3/day):		Not Applicable
		f.	Boiler blow down temperature:		Not Applicable
III	**Whether proposal is for River Valley & Hydroelectric Project (Yes/No)?**				No
	If Yes,				
	1.	**Sub Sector: (**Multipurpose Project / Hydroelectric Project / Irrigation project)			Not Applicable
	2.	Name of the River		:	Not Applicable
	3.	Whether Cumulative Impact Assessment and Carrying Capacity Study of River Basin Carried Out? (Yes/No)		:	No
		If Yes		:	
		a.	Status of Cumulative Impact Assessment and Carrying Capacity Study of River Basin: (Recommended / Not Recommended,)	:	Not Applicable
			If Recommended		
		b.	Details of Cumulative Impact Assessment and Carrying Capacity Study of River Basin	:	Not Applicable
		c.	Upload Relevant Document (*Upload pdf only*)	:	Not Applicable
	4.	Type of Project: (Construction of Dam Barrage / Run of the River / Lift Irrigation Scheme)		:	Not Applicable
	5.	Dam Height (meter) if applicable		:	Not Applicable
	6.	Dam Length (meter) if applicable			Not Applicable
	7.	Total Submergence Area (hectare)		:	Not Applicable
	8.	Details of Gross Command Area (GCA) (hectare)		:	Not Applicable
	9.	Details of Irrigable Command Area (ICA) (hectare)		:	Not Applicable
	10.	Details of Culturable Command Area (CCA) (hectare)		:	Not Applicable
	11.	Total Command Area (hectare)		:	Not Applicable
	12.	Powerhouse Installed Capacity		:	Not Applicable
		a.	Type of Powerhouse: (Underground / Surface)		Not Applicable
		b.	Capacity (megawatts)		Not Applicable
		c.	No. of Tunnels		Not Applicable
		d.	No. of Units		Not Applicable
		e.	Bank of River: (Left /Right / Both)		Not Applicable
	13.	**Generation of Electricity Annually**			

		a.	Quantity of Generation of Electricity Annually (in Giga Watt Hours(GWh))		Not Applicable
		b.	Water availability at various percentages		Not Applicable

Percentage	Water availability (Cusecs)	Dependable year	Remarks
At 50%	-	-	-
At 75%	-	-	-
At 90%	-	-	-

		c.	Machine Availability (%)		Not Applicable
		d.	Cost of Electricity Generation (in INR)	:	Not Applicable
		e.	Internal Rate of Return (%)	:	Not Applicable
		f.	Year of achievement of Internal Rate of Return	:	Not Applicable
	14.	Catchment Area Treatment Plan (Upload PDF)			Not Applicable
	15.	Muck Management Plan			
		a.	Upload Muck Management Plan in PDF		Not Applicable
		b.	Total Excavation Muck (Cubic Meter)		Not Applicable
		c.	Utilized for Construction (Cubic Meter)		Not Applicable
		d.	No. of Muck Disposal sites		Not Applicable
		e.	Total Muck Disposal Area (Ha)		Not Applicable
	16.	Fishery Development and Management Plan			
		a.	Upload Fishery Development and Management Plan in PDF		Not Applicable
		b.	No. of Fingerlings		Not Applicable
		c.	No. of Fish Species		Not Applicable
		d.	Name of the umbrella Fish Species (Scientific Name)		Not Applicable
	17.	Status of Environmental Flow			

Season	Average Inflow (in Million Cubic Meter)	Percent of Flow
Lean	-	-
Non-Lean	-	-
Monsoon	-	-
Non-Monsoon	-	-

	18.	Free Flow Stretch(km)			Not Applicable
	19.	Approval of Central Water Commission			
		a.	Approval Reference No.		Not Applicable
		b.	Date of Approval		Not Applicable
		c.	Upload Copy of Approval (*Upload pdf only*)		Not Applicable
	20.	Approval of Central Electricity Authority			

		a.	Approval Reference No.		Not Applicable
		b.	Date of Approval		Not Applicable
		c.	Upload Copy of Approval (*Upload pdf only*)		Not Applicable
	21.	Details of Coffer Dam (upstream) if applicable			
		a.	Quantity of the material (m^3)		Not Applicable
		b.	Length of the dam (m)		Not Applicable
		c.	Quantity of muck to be used (m^3)		Not Applicable
		d.	Quantity of borrow material to be used (m^3)		Not Applicable
		e.	Decommissioning plan (upload in PDF)		Not Applicable
	22.	Details of Coffer Dam (downstream) if applicable			
		a.	Quantity of the material (m^3)		Not Applicable
		b.	Length of the dam (m)		Not Applicable
		c.	Quantity of muck to be used (m^3)		Not Applicable
		d.	Quantity of borrow material to be used (m^3)		Not Applicable
		e.	Decommissioning plan (upload in PDF)		Not Applicable
IV	**Whether the proposal is Infrastructure projects (Yes/No)**				Development of Balance work of 4th container Terminal at JNPT
	If yes?				
	1	**Details of Building Construction**			Details uploaded on portal
		a.	Maximum Height of the Building (Meters)		
		b.	Total No. of Flats to be Build		
		c.	No. of Buildings		
		d.	Total plot area (sqm)		
		e.	Total built up area (sqm)		
	2	**Foreshore Facilities And/or Marine Disposal**			N.A.
		a.	Whether Project Involves Foreshore Activities and/or marine Disposal (Yes/No)?	:	
			If Yes,		
		b.	Upload Shoreline Study (Upload pdf only)		
		c.	Type of Cargo		
		d.	Quantity of Cargo		
		e.	Control Measures of Cargo		
		f.	Dust Control Measures		
		g.	Quantum		
		h.	Quantity of Dredging (Cubic meter per day)		
		i.	Type of Dredging (Capital, Maintenance)		
		j.	Disposal of Dredge Material		
		k.	Details of Outfall Diffusers		

		m.	No. of Dilution Expected		Not Applicable
		n.	Distance at which the outlet will Reach Ambient Parameters		Not Applicable
		o.	Details of Monitoring at outfall		Not Applicable
		p.	Copy of NoC from PCB in case of Marine Disposal(Upload pdf only)		Not Applicable
	3	**Rain Water Harvesting**			N.A.
		a.	No. of Storage		Not Applicable
		b.	Capacity		Not Applicable
		c.	No. of Recharge Pits		Not Applicable
		d.	Capacity		Not Applicable
	4	**Parking**			
		a.	Details of 4-Wheeler/ 2-Wheeler Parking		------
	5.	**Energy Saving Measures**			
		a.	Source/Mode		Not Applicable
		b.	Percentage		Not Applicable
		c.	Quantity		Not Applicable
	6.	**Other Details**			
		a.	Details of impact on Water Bodies and Drainage patters of catchment area, if any		Not Applicable
		b.	Details of Traffic Density Impact Assessment and Modelling Study(*Upload pdf Only*)		Not Applicable
		c.	In case of Underground Tunnel projects below the Forest Land – Subsidence Impact Study report(*Upload pdf Only*)		Not Applicable
	7.	**Type of Industries to be established with Industrial Estate as per their category A/B**			Not Applicable

Sl. No	Type of Industry	No. of Units	Category A/B
-	-	-	-
-	-	-	-

	8.	**Length of the alignment in case of highway projects**			N.A.
	9.	**Details Bridges/ROB/Interchanges, Flyovers, Vehicle Underpass and Pedestrian Underpass (in case of Highway Projects)**			N.A.
		a.	Total No. of Bridges		Not Applicable
		b.	Total No. of ROB		Not Applicable
		c.	Total No. of Interchanges		Not Applicable
		d.	Total No. of Flyovers		Not Applicable
		e.	Total No. of Vehicle Underpass		Not Applicable
		f.	Total No of Pedestrian Underpass		Not Applicable

		g.	Details of other utilities rail and road corridors		Not Applicable
36	**Details of Court Cases if any**				
	a.	Whether there is any Court Cases pending against the project and/or land in which the project is proposed to be set up (Yes/No)?			No court case against the project .
		If Yes,			
	b.	Name of the Court (Districts *Court / High Court / NGT / Tribunals / Supreme Court of India*)			-
		If name of Court: (Districts Court, High Court, NGT, Tribunals)			-
	c.	Name of the Sub-court			-
	d.	Case No.			-
	e.	Orders/Directions of the court, if any and its relevance with the proposed project			-
	f.	Case Details			-
	g.	Upload Court Order if any (*Upload pdf Only*)			-
37	**Details of direction issued under Environment (Protection) Act / Air (Prevention & Control of Pollution)) Act / Water (Prevention & Control of Pollution) Act**				
	a.	Whether any direction issued under Environment (Protection) Act/Air (Prevention & Control of Pollution)) Act/Water (Prevention & Control of Pollution) Act(Yes/No)?			Yes
		If yes,			
	b.	Details of directions issued under Environment (Protection) Act/Air (Prevention & Control of Pollution)) Act/Water (Prevention & Control of Pollution) Act			CTO granted up to 30/09/2019
	c.	Upload copy of directions issued under Environment (Protection) Act/Air (Prevention & Control of Pollution)) Act/Water (Prevention & Control of Pollution) Act			Mom Received and Uploaded
	d.	Compliance status of the directions			--
38	**Details of EIA Consultant**				
	a.	Have you hired Consultant for preparing document (Yes/No)?		:	Yes
		If No,			

		(i) Reason for not engaging the Consultant	:	
		If Yes,		
		(i) Accreditation No.	:	NABET/EIA/IA007
		(ii) Name of the EIA Consultant	:	Global Management and Engineering Consultants International
		(iii) Address	:	308 Saharan Tower Officers Campus Extensions Sirsi Road Khatipura Jaipur
		(iv) Mobile No.	:	+919820063632
		(v) Landline No.	:	--
		(vi) E-mail Id	:	druskul@gmail.com
		(vii) Category of Accreditation (Eligible for Category A / Eligible for Category B)	:	A
		(viii) Sector of Accreditation	:	Ports, harbours, break waters and dredging
		(ix) Validity of Accreditation	:	valid up to 3rd August 2019
		(x) Upload Certificate of Accreditation certified by QCI/NABET (*Upload pdf Only*)	:	Uploaded
39	**Documents to be attached-Not Applicable**			
I	***If Project Type is New / Expansion / Modernization / one-time capacity expansion for coal mining:***			
	a.	Upload Copy of EIA/EMP Report		Uploaded
	b.	Upload Copy of Risk Assessment Report		Uploaded
	c.	Upload Copy of Feasibility Report/ Detailed Project Report(DPR) /Detailed Engineering Report /Detailed Conceptual Plan / Approved Mining Plan (in case of Mining proposals) (*Upload pdf only*)		Uploaded
	d.	Upload Copy of Final Layout Plan (*Upload pdf only*)		Uploaded
	e.	Upload Cover Letter*(Upload pdf only and attach it as Annexure-document of Cover letter)*		Uploaded
	f.	Upload a copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User *Agency (Upload pdf only and attach it as Annexure-authorization)*		Uploaded
	g.	Upload copy of District Survey Report (for mining of minor minerals only)		Not Applicable
		Upload copy of Replenishment Study Report & Baseline Survey data		Not Applicable

		(for river sand mining proposals only)		
	g.	Upload Additional File, if any (*Upload pdf only*)		Uploaded
II	***If Project Type is other than New / Expansion / Modernization / one-time capacity expansion for coal mining: -***			Not Applicable
	a.	Upload Copy of Feasibility Report/ Detailed Project Report(DPR) /Detailed Engineering Report /Detailed Conceptual Plan (*Upload pdf only*)		Not Applicable
	b.	Upload Copy of Final Layout Plan (*Upload pdf only*)		Not Applicable
	c.	Upload Cover Letter*(Upload pdf only and attach it as Annexure-document of Cover letter)*		Not Applicable
	d.	Upload a copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency*(Upload pdf only and attach it as Annexure-authorization)*		Not Applicable
	e.	Upload Additional File, if any*(Upload pdf only)*		Not Applicable
	f.	Upload Updated Form1*(Upload pdf only)*		Not Applicable
40	**Undertaking**			
	a.	I hereby give undertaking that the data and information given in the application and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage,the project will be rejected and clearance given,if any to the project will be revoked at our risk and cost. In addition to above,I hereby give undertaking that no activity / construction / expansion has since been taken up		
	b.	Name	:	S. V. Madabhavi
	c.	Designation	:	Chief Manager (Port Planning and Development)
	d.	Company	:	JNPT
	e.	Address	:	Administration Building, Sheva, Navi Mumbai-400707

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Annexure-4

Corporate Environmental Responsibility (CER):

As per MOEFCC office memorandum dated 1st May 2018, the fund allocation for the Corporate Environmental Responsibility (CER) may be 0.25% of the capital investment of Rs. 1000 crores to less than 10000 crores for brownfield project. The total project cost for the second phase of proposed balance work Construction of 4th Container Terminal and Marine Container Terminal is Rs. 3196 crores. Therefore, proportionately CER will be about Rs. 7.99 Cr. (0.25% of capital investment Rs. 3196 crores)

Proposed Corporate Environmental Responsibility (CER) activities

Sr. No.	Proposed activities	Fund allocation in Crs
1	Education and skill development	0.5
2	Health	1.0
3	Drinking Water Supply, Sanitation	2.0
4	Roads	1.0
5	Cross Drains	2.0
6	Electrification including Solar Power	0.5
7	Solid Waste Management Facility	1.5
8	Rain Water Harvesting	1.0
9	Avenue Plantation	0.5
10	Plantation in Community Area	0.5
	Total	**8.0**