

KANDLA PORT TRUST

Invitation for Expression of Interest for the work of “Setting up of Multi Logistic Park at Kandla”

Interested Firms should send their Expression of Interest for proposed Multi Logistic Park alongwith details of their financial & technical capability, audited balance sheet (for preceding 7 years), Net Surplus etc. in closed cover to the Chief Engineer, Kandla Port Trust, A.O. Building – Annex, Gandhidham (Kutch), Gujarat 370201, Tel. No. (02836) 233192, Fax No. +91 2836-220050, on or before 13/02/2012 upto 11.00 hrs and same will be opened on the same day at 11.30 hrs.

The scope & details of Project together with Topography of Kandla can be accessed at Kandla Port Trust’s Website www.kandlaport.gov.in

Chief Engineer

Kandla Port Trust

Port with unlimited potential.

Expression of Interest for the work of “Setting up of Multi Logistic Park at Kandla” on PPP Model

A maritime saga waiting to be ‘ unleashed’- one that can translate into spectacular monetary rewards for the Trade & Investors alike....

The Kandla Port Trust, one of the leading Major Ports of India, invites Expression of Interest from interested firms for the work of “Setting up of Multi Logistic Park at Kandla” on Build Operate & Transfer (BOT) basis to cater the storage facilities for all types of Cargo including transportation.

INTRODUCTION

Kandla Port Trust (KPT), as a perspective development of their Port facilities, desired to explore the possibility of developing a Multi Logistic Park within the limits of Port to cater to the future requirement.

LOCATION

The proposed Multi Logistic Park is to be located behind the Cargo Berths, outside Custom fencing.

SCOPE OF THE PROJECT

The scope of the project mentioned below is only for the reference of applicant, however the applicant is at liberty to modify the same looking to the market scenario.

Salient features of the proposed Multi Logistic Park would be to cater to the following facilities & services. The drawing showing the tentative location of the same is attached herewith.

| facilities | Sizes (to be proposed by the party) | Capacity (to be proposed by the party) |
|---|-------------------------------------|--|
| Container Freight Station | | |
| Airside Freight Station | | |
| Cargo Consolidation & Break bulking | | |
| Domestic & EXIM open Warehousing | | |
| Domestic & EXIM bonded Warehousing | | |
| Domestic & EXIM covered Warehousing | | |
| Cold storage & cold chain facilities for Domestic & EXIM Cargo | | |
| Cold Storage facilities for food items | | |
| Mini Transport Nagar to include Parking facility & office facilities for transporters | | |
| Container Storage & Repair facility including Reefer Containers | | |
| Facility for Packing , Re- packing, Re-labeling etc. of EXIM Cargo | | |
| Health care facility | | |
| Cafeteria | | |
| Business Centre | | |
| Storage of liquid Cargo with heating facility | | |

METEOROLOGY DATA/TOPOGRAPHY OF OLD KANDLA

1. GENERAL INFORMATION

1.1 PORT LOCATION

The Port of Kandla, which is located at 23° 1'N latitude and 70° 13' E longitudes is in the Kandla Creek and is 90 kms from the mouth of Gulf of Kutch. It is a protected harbour.

1.2. CLIMATOLOGY

The climate in the Gulf of Kutch is heavily influenced by monsoon. The winds are predominantly from southwesterly direction during May-August and northeasterly direction November-February. In between these reversals are the transition periods during which weak and variable winds prevail.

1.3. WIND SPEED

Non-cyclonic maximum winds (30-40 kmph) occur during May-August. Wind speeds are relatively less during North East Monsoon.

1.4. AIR TEMPERATURE

The mean values of maximum and minimum temperatures during a month have been computed and given in Table below:-

MAXIMUM AND MINIMUM MONTHLY TEMPERATURES AT KANDLA

| Months | Range of max. Temperature | Mean of max. Temperature | Range of min. temperature | Mean of min. temperature |
|-----------|---------------------------|--------------------------|---------------------------|--------------------------|
| January | 27.8 – 23.3 | 25.2 | 16.0 – 9.7 | 13.0 |
| February | 32.1 – 24.1 | 27.5 | 18.0 – 12.0 | 15.5 |
| March | 34.7 – 24.1 | 32.0 | 22.5 – 12.0 | 20.2 |
| April | 38.6 – 29.4 | 34.6 | 26.0 – 18.5 | 23.5 |
| May | 41.9 – 32.6 | 35.9 | 28.5 – 23.5 | 25.7 |
| June | 38.6 – 31.1 | 35.0 | 29.5 – 24.0 | 25.4 |
| July | 34.6 – 26.8 | 32.4 | 28.5 – 24.0 | 25.4 |
| August | 33.1 – 29.1 | 30.7 | 26.5 – 24.4 | 24.5 |
| September | 40.1 – 31.1 | 33.3 | 25.5 – 23.5 | 24.5 |
| October | 37.2 – 31.6 | 34.2 | 25.7 – 21.0 | 23.1 |

| | | | | |
|----------|-------------|------|-------------|------|
| November | 37.6 – 25.5 | 32.4 | 24.5 – 14.5 | 20.2 |
| December | 30.5- 20.6 | 25.6 | 18.2 – 7.8 | 13.5 |

From the above Table, it may be observed that general temperature at Kandla is quite high and the hottest months are between March and October, when the mean highest daily temperature hovers around 33°C. December to middle of February is comparatively cooler months.

1.5. RELATIVE HUMIDITY

Observed monthly maximum and minimum values of Relative Humidity for Kandla Port are presented in Table below: -

RANGE OF MONTHLY MAXIMUM AND MINIMUM RELATIVE HUMIDITY IN DIFFERENT MONTHS AT KANDLA

| Months | Range of maximum value | Range of minimum value |
|-----------|------------------------|------------------------|
| January | 87 – 83 | 15 – 3 |
| February | 90 – 87 | 18 – 0 |
| March | 98 – 91 | 2 – 0 |
| April | 93 – 88 | 36 – 13 |
| May | 92 – 86 | 25 – 1 |
| June | 90 – 81 | 37 – 25 |
| July | 99 – 83 | 48 – 31 |
| August | 99 – 81 | 50 – 39 |
| September | 93 – 81 | 40 – 12 |
| October | 89 – 89 | 11 – 1 |
| November | 95 – 89 | 29 – 14 |
| December | 93 – 89 | 11 -9 |

From the above observations, it may be stated that the atmosphere over the Kandla region is fairly dry and relatively humid months are July, August and September.

1.6. RAINFALL

The monthly average rainfall at Kandla is furnished in Table below.

The precipitation mainly occurs between June and August.

MONTHLY AVERAGE RAINFALL AT KANDLA

| Months | Average Rain fall (in mm) |
|------------------|---------------------------|
| January to April | Nil |
| May | 6.53 |
| June | 72.87 |
| July | 62.16 |
| August | 47.33 |
| September | 2.16 |
| October | 1.33 |
| November | Nil |
| December | 3.37 |
| Annual Average | 195.75 |

2. VISIBILITY

The visibility or the transparency of the atmosphere generally refers to the maximum horizontal distance at which objects can be clearly seen and distinguished. Based on data available in the nearby areas in Gulf of Kutch, it is considered that the minimum visibility for a range of 1-4 km annually is not more than 7 days. The visibility in the evening is in general better than in the mornings. Monthly average visibility in the area was more than 4 km during majority period of the year. In general, low visibility was observed in the month of January.

3. TIDAL ELEVATION

The Tidal elevations (Semi Diurnal type) are presented in table below. The levels are referred to Chart Datum, which is at 3.88 m below Indian mean sea level.

| | | |
|-------------------------------|---|---------|
| Maximum observed tide | : | + 6.4 m |
| Mean High Water Spring (MHWS) | : | + 5.8 m |
| Mean High Water Neap (MHWN) | : | + 4.6 m |
| Mean Sea Level (MSL) | : | + 3.4 m |
| Mean Low Water Neap (MLWN) | : | + 2.1 m |
| Mean Low Water Spring (MLWS) | : | + 1.0 m |
| Minimum observed tide | : | 0.0 m |

4. Maximum and Average values of significant wave heights (m)

| Months | Average | Maximum |
|-----------|---------|---------|
| January | 0.46 | 0.93 |
| February | 0.11 | 0.44 |
| March | 0.32 | 0.62 |
| April | 0.31 | 0.69 |
| May | 0.69 | 1.31 |
| June | 0.93 | 1.87 |
| July | 1.27 | 1.92 |
| August | 0.95 | 2.20 |
| September | 0.47 | 1.08 |
| October | 0.27 | 0.57 |
| November | 0.38 | 0.87 |
| December | 0.39 | 0.85 |

