

PROJECT REPORT

FEASIBILITY REPORT OF STONE QUARRY FOR THE
CONSTRUCTION OF T-15 PART T-14 UNDER PKG-
T-15 INCLUDING BRIDGE No. – 61

BEING EXECUTED

BY

AGE –PATEL JV

AT

SANGALDAN, DISTT. RAMBAN, (J&K)



Highlights:

1. Applicant name : M/s AGE-PATEL JV
2. Applicant Address : Village Mohara Chhakani, P.O
Sangaldan, Tehsil Gool, Distt.
Ramban (J&K)
3. Line of Activity : Construction of Tunnel T-15, Part
Tunnel T-14 Including Bridge No. - 61
(Between Km 73.785 to Km 86.848
approx.) on Katra-Banihal Section of
Udhampur-Srinagar-Baramulla New BG
Railway Line Project (Package T-15).
4. Owner : NORTHERN RAILWAY
5. Client : IRCON INTERNATIONAL LTD.
(A Govt. Of India Undertaking)
6. Place : Near T-14 New Adit, Dehda, Forest
Comptt. no. 70/Ar. Quarry is to be operated
7. UT : Jammu & Kashmir
District : Ramban
Town/Village : Sangaldan
8. Duration of quarry operation : Till Completion of Pkg, T-15 Works



Introduction:-

AGE-PATEL JV (First Indian Construction Co. having certification of ISO 14000:2015, ISO 9001:2015 & OHSAS 18001:2007) C/o PATEL Estate, Jogeshwari (West) Mumbai-400102 hereby propose to operate stone quarry at near, New Adit, Ind Vill: Dehda, Tehsil: Gool, Distt: Ramban in forest comp. No.: 70/Ar. The above said project is Prestigious Project of Jammu & Kashmir Railways Project has been awarded to AGE-PATEL JV, registered under company ACT 1956 (Act-1 of 1956) vide no. IRCON/J&KCELL/JAT/14/1014/K-B/T-15/326/1018 DATED 14/04/2016

M/s IRCON INTERNATIONAL LTD., (Govt. Undertaking) of construction of Tunnel T-15, Part Tunnel T-14 Including Bridge No. - 61 (Between Km 73.785 to Km 86.0848 approx) on Katra- Banihal section of Udhampur- Srinagar -Baramulla New BG Railway Line Project (Package T-15), Jammu & Kashmir. Since last 67 years Patel Engineering Ltd. has completed & commissioned numbers of prestigious project all over India and abroad. The company is carrying on business as Infrastructure developers, Builders and General Construction Contractors and amongst other things construct, execute, carry out, equip, work develop, administer and repair, power plant, railways, roadways, docks, harbors, canals, Dams, Tunnels, Irrigation, Power Houses, Buildings, including The business of Architect.

It is pertinent to mention that for the construction of above said Railway Project, approx. quality of coarse & fine aggregates are required which is not available in & around the Project area & available quarry is not sufficient.

We approached to District higher authorities to identify & provide suitable land for quarry operation in and around the project area. Subsequently, they conveyed that no revenue land is available in this area & identified forest land for quarry operation. Then after joint survey with forest officials.

In DPR made by Railway/IRCON, it is envisaged that 60% excavated materials of tunneling shall be suitable for the production of aggregates & remaining materials shall be made available from the available quarries in and around the project area.

However, as on today, it is observed that excavated materials from ongoing tunneling works is not as envisaged for the quality of the boulders and its suitability for aggregate production as per technical specification. As mentioned, from proposed Quarry we can produce approx. 5,05,922m³ boulders for the construction of materials & anticipated that remaining requirement may meet from the excavated materials of tunnels as indicated in geological maps & section provided by Railway.



1. It is pertinent to mention that huge Qty. of good quality of Aggregates are requirement for the timely completion of this prestigious project and without quality raw materials mentioned technical specification of underground works cannot meet.
2. Enhancement in scope of work:-To expedite program of the ongoing works & speedy completion of the works additional Adits T-15/T-14 has been introduced at Pkg, T-15 to meet the targets set by Hon. L.G., (J&K) UT.
3. Availability of approved quality materials is not sufficient in the vicinity of the project area & it is also not feasible as per technical specification of contract.
The samples of the rock the proposed quarry has been collected & lab test has been conducted & found suitable as per technical specification.
4. All possibilities have been explored, but this much huge quantity of raw materials for aggregate is not found available in the nearby project area to meet our requirement.
5. Establishment of own crushing unit near project site is inescapable requirement as per contract provisions, hence AGE-PATEL has to establish own crushing unit for the production of sufficient & quality aggregates & to meet project requirement.
6. We have envisaged that 50-60% of quantity raw materials will be available from the tunnel excavated materials as per the Geological reports/data and 40 to 50 % of quality aggregate will have to be arranged from stone quarry. So, that additional Stone Quarry for the production of aggregate is of utmost importance and to be obtained necessary permissions from appropriate authorities.
7. Keeping in view of the above, 02 pieces of forest land has been identified for stone quarry which is within the project site. Approx. 0.739 Ha near to Batching Plant, T14 New Adit and approx.0.254 Ha near to T-14 new Adit, Ind in the forest compartment no. 70/Ar. (total proposed area is 0.993 Ha) at village-Dehda, Tehsil-Gool, District-Ramban.

Petrography Examination report of boulders is enclosed for your reference.

Project Director


Mr. R.P. Khajuria
(Authorized Signatory)

