

TOR for SAP Enhancements



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Proposal Submission details

S.No.	Description	Details
1.	Date of TOR Issuance	31 st March 2022
2.	Date and time of Submission	15 th April 2022 Before 03:00 pm
3.	Mode of Submission	E-mail To: bharath,mohan@nisg.org copy to: Sriganesh.s@nisg.org
4.	Contact person for clarifications	Bharath Mohan: bharath.mohan@nisg.org:9702004505 Sriganesh: Sriganesh.s@nisg.org :98806 48800
5.	Proposal to be addressed to	Mr. Rangarajan Vellamore, SVP, NISG.

Background

NISG Hyderabad is looking for a SAP Implementation Organization to take up a FIX BID and Fixed Duration project.

One of the Customers of NISG have already implemented SAP ECC System including PP module and the system is currently operational.

Corporate office is located at Hyderabad. 2 plants are in and around Hyderabad. Third plant in a radius of 75kms of Hyderabad and the last plant around a distance of 700kms from Hyderabad.

Business Details

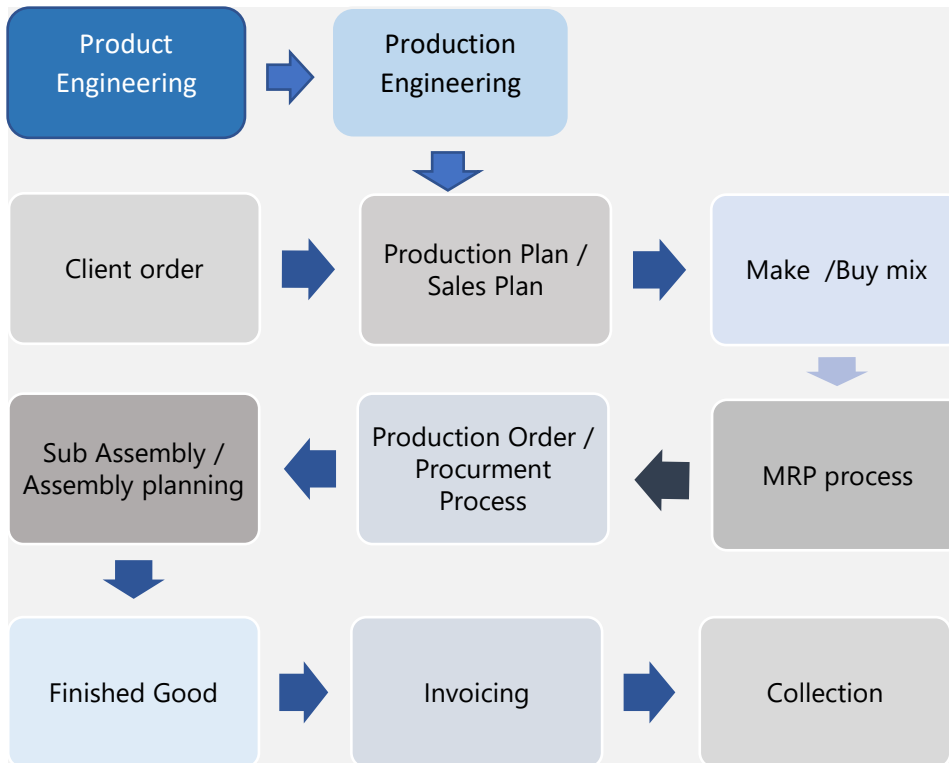
- About dozen product lines
- 4 factories or production facilities
- Each product has assembly sections and sub assembly sections.
- Made To order
- Each product has about 700 – 1000 components.
- Components have a mix of inhouse manufacturing, domestic outsourcing and importing.

Key focus areas for the organisation

- Maximizing utilization of manufacturing.
- New product design and development
- Increase productivity and optimize cost
- Meet delivery schedules, improve production planning.
- Enhancing current SAP system to improve process / implementation deficiencies.

Context of the Terms of Reference

Business process



Key Requirements

- System driven approach for planning, simulating, tracking / monitoring & specifically Supply chain visibility
- The overall business planning and monitoring efficiency can be enhanced by adding intelligence, simulation and forecasting.
- Capability to track order status and drilldown to assembly / sub assembly level & visibility of critical components.
- Integrated and comprehensive visibility of R&D projects status like a Project Management giving visibility of Cost, Time and earned Value.
- Creating management reports at various levels across production and material Management
- Visibility of aggregated plans from units & evaluate capacity optimization.

The above requirements will enable effective decision making for production planning, procurement and eventually meeting customer delivery schedules.

Required Qualifications

Organisation

Organisations should preferably be a SAP Delivery partner.

Organisation should have minimum of 3 FULL implementations in manufacturing in SAP ECC. Experience in Heavy industry will be preferable. Exposure and experience in working with government organisation is preferable.

Team / Resources

SAP Certified with a minimum of 3 FULL implementations of Production Planning in SAP ECC. Manufacturing experience is additional and preferable.

The consultants should have at least 5 years of SAP experience and at least worked on 2 end to end implementations.

SAP certification in respective modules is preferred

Should have experience in adding / modifying additional Production steps, stages and Variants in PP.

Should have Experience in MM module, including material additions / modifications, characteristics changes etc.

Experience in Changing BOM that are already defined. FULLY experienced in Solution manager and WELL versed in BPR and SAP Best practices pertaining to PP and MM. Experienced in MTO (Make-to-Order), for Configurable Material, Stock Requirement/ MRP Lists, variant configuration, super BOM, phantom items etc.

Expertise in gathering requirements from users and transforming the requirements into functional documents strictly using Solution manager based BPR provided relevant SAP functional specification Template Documents.

Integrated knowledge in PP, PP-PI with MM in goods movement, back flushing, automatic goods receipt, STO process, reservations, production order, planning, purchase requisition, MRP process, sub-contracting, external operations, and operational outsourcing etc.

Good experience in Configuring and evaluating cost centers, mapping with work centers, carrying out product costing for different materials including semi-finished, finished, variant configurations, co-products etc.

Good Experience in setting up PP master data, MRP, BOM, routings, work centers / resources, planned order management, planning and optimization.

Good Experience in Generating SAP Query reports is essential. Knowledge and Experience in defining Supply Area, Control cycle and (optionally) Kanban related activities like Kanban correction, Kanban Control board, Defining Kanban Strategies for the business process, JIT, Kanban Evaluation, Kanban with MRP and Kanban without MRP.

Should be capable of independently working and managing the entire cycle of information gathering, mapping it to SAP Configuration Data, Configure the SAP PP segment, Test the Configuration, Generate Reports from SAP system to confirm and prove the correctness of the added / modified configuration.

Should be able to run all the standard SAP PP reports as well as Sap Query based additional reports generated as per requirement specifications and confirm the correctness of the Modified SAP PP segment and also demonstrate to user the usability of the modified SAP system.

Once approved by user team, should be able to migrate the modified SAP PP segment to production. Follow the New enhanced PP system in the Production system and ensure it is fully functional and meets the needs.

Should be able to create, manage and maintain the Entire PP enhancement as a Project Plan (MPP or Excel)

Should be able to work with Customer team and gather the required data and carry out the Data uploads

Any other module specific requirements in terms of resources and capabilities needs to be detailed, when the project plan is finalized.

Scope of work

The proposed scope of work involves the following

Functional Requirement	Proposed SAP Approach
Create capabilities for Planning, <ul style="list-style-type: none"> - Identifying production bottlenecks - Review outsourcing decisions - Capacity augmentation Forecasting & Reviewing <ul style="list-style-type: none"> - Measuring the performance with capability to drilldown - 1st level: Target versus actuals at unit level / product level / order level - 2nd level: Sub assembly level as defined by PPC - 3rd level critical components shortages - Tracking actual deliveries with respect to Target & identifying shortfalls. - 	Long Range Planning Rough Cut Planning Long Term Capacity Requirements Planning
Track new product design & development Planned vs. Actual Cost; Earned Value Analysis; Cost-to-Complete; Time-to-Complete Revenue Recognition; Milestone Billing; Cost-Plus/ Time & Material/ Fixed Price Billing Project specific procurement, inventory Project Cost Analysis	Project Systems for creating Project Management
Custom Management reports Target setting and actuals at various levels Tracking target versus achievements across various levels with drill down capabilities Track business operations in an integrated manner.	

The associated Reports, drill downs, Dash boards such as Product Planning view, Cost View, Procurement View, WIP, lead-time planning and other Views - from the Corporate Management level also needs a Full Re-Visit and re-build.

Engagement Period & Terms

The Organization should consider all the requirements and should submit a Comprehensive FIX price and Duration Quote in detail in terms of resources, duration and engagement plan with a project plan outline.

Between the period of submission of the deliverable and its acceptance, the client may seek various clarifications and these clarifications shall be answered and the reports modified accordingly.

Tentative Start date is 4 weeks from the issue of work order by NISG.

Consultant(s) will be reporting to the combined team of NISG SAP Project Management team and Customer side Project Management team.

Quote Submission

The quote can be submitted by email

The quote will have the following details

- High level Project Plan
- Methodology.
- Cost
 - o Project cost without Taxes
 - o Taxes
 - o Total project cost including taxes
- Indicative profiles of key role players.
- The submission to be signed by an authorized signatory

Evaluation

The evaluation will be done on a weightage between Technical & Commercial.

Technical – 70% weightage

Evaluation Criteria	Marks
Government SAP ERP projects <ul style="list-style-type: none">- 1 = 10- 2 = 15- > 2 = 20	20
Manufacturing SAP projects in Production Planning <ul style="list-style-type: none">- 2 = 15- 3 = 20- > 3 = 25	25

Profile of consultants Project Manager: 15 <ul style="list-style-type: none"> - > 7 years SAP manufacturing experience: 15 - 5 – 7 years SAP manufacturing experience: 10 - 3 -5 years SAP manufacturing experience: 5 Functional consultant PP: 20 <ul style="list-style-type: none"> - > 3 projects in SAP PP :20 - 3 projects in SAP PP : 15 - 2 projects SAP PP : 10 Functional consultant PS: 20 <ul style="list-style-type: none"> - > 3 projects in SAP PS :20 - 3 projects in SAP PS : 15 - 2 projects SAP PS : 10 	55
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Minimum of 70 is required for qualification

Commercial weightage - 30%

(i) The bid with the lowest bid price (L1) will be assigned 100%.

(ii) Commercial Scores for other bids will be normalized using the following formula:

Normalized Commercial Score of a Bid (Fn)= {(Commercial Bid price of L1/Commercial bid price of the Bid) X 100} % (adjusted to 2 decimals)

the quote would be awarded in favour of most competitive quote by adopting the 70:30 weightages to technical and commercial scores respectively after duly normalizing the technical & commercial scores.

The final score will be calculated as follows: -

$$B_n = 0.60 * T + 0.40 * F_n$$

Where

B_n = Final score of the bidder

T= Technical score for the bidder

F_n = Normalized financial score of the bidder

The quote with the highest final score will be selected. In case of a tie in the final score the bidder with higher Technical Score will be considered for award of the assignment.

NISG reserves the right to withdraw or cancel or modify the Terms of Reference at any point of time.