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- 1. Αποστέλλουμε, συνημμένα, προς ενημέρωσή σας, στην υπ 'αρ. 41756 προκήρυξη των ισραηλινών σιδηροδρόμων "Israel Railways Ltd", η οποία αφορά την παροχή συμβουλευτικών εταιρειών σε διάφορους κλάδους του τομέα των σιδηροδρόμων:
 - Rolling Stock development and maintenance Appendix A1 (Τροχαίο υλικό ανάπτυξη και συντήρηση Προσάρτημα A1)

- Infrastructure development and maintenance Appendix A2 (Υποδομή ανάπτυξη και συντήρηση Προσάρτημα A2)
- Telecommunication development and maintenance Appendix A3
 (Τηλεπικοινωνίες ανάπτυξη και συντήρηση Παράρτημα A3)
- Railway Operations development and maintenance Appendix A4
 (Σιδηροδρομικές δραστηριότητες ανάπτυξη και συντήρηση Παράρτημα A4)
- Computerization development and maintenance Appendix A5
 (Μηχανοργάνωση ανάπτυξη και συντήρηση Προσάρτημα A5)
- Safety, Security and Environment development and maintenance Appendix A6
 (Ασφάλεια, ασφάλεια και περιβάλλον ανάπτυξη και συντήρηση Παράρτημα A6)
- Planning and Development development and maintenance Appendix A7
 (Σχεδιασμός και ανάπτυξη ανάπτυξη και συντήρηση Παράρτημα Α7)
- 2. Η αίτηση για διευκρινίσεις πρέπει να γίνεται μόνο εγγράφως, υπόψη:

Mrs Nathalia Eisenfeld International Procurement Coordinator Israel Railways Ltd

E-mail: nathaliae@rail.co.il

Οι σχετικές αιτήσεις χορήγησης των διευκρινίσεων πρέπει να σταλούν το αργότερο έως τις 6 Δεκεμβρίου 2017.

Οι ενδιαφερόμενοι για συμμετοχή στο διαγωνισμό οφείλουν να διασφαλίσουν τη λήψη απόδειξης παραλαβής των Αιτημάτων Παροχής Διευκρινήσεων από τους Ισραηλινούς Σιδηρόδρομους (Israeli Railways Ltd)

3. Όλες οι προτάσεις πρέπει να υποβληθούν, το αργότερο, μέχρι τις 13:00, την 16η Ιανουαρίου 2018 (ώρα Ισραήλ), σε τρεις ξεχωριστούς φακέλους, οι οποίοι θα αναγράφουν "Tender No 41756" στο κουτί προσφορών υπ' αριθμ. 8 και στην ακόλουθη διεύθυνση:

Israeli Railways Ltd, Procurement & Contracting Division, Darkei Moshe St 3, Lod 7130703, Israel

Οι Ισραηλινοί Σιδηρόδρομοι δικαιούνται να αναβάλουν την καταληκτική ημερομηνία υποβολής προσφορών και πριν την υποβολή των προσφορών, κατά τη διακριτική τους ευχέρεια.

- 4. Συνιστάται στους ενδιαφερομένους να ελέγχουν την προσθήκη, τυχόν τροποποιήσεων των όρων του διαγωνισμού, τόσο κατά τη διάρκεια του διαγωνισμού όσο και μετά την υποβολή των προσφορών τους.
- 5. Τα έγγραφα της προκήρυξης μπορούν να αναζητηθούν, στον υπερσύνδεσμο: www.rail.co.ilk / tenders / pages / opetenders.aspx

Επιπρόσθετα, ανωτέρω προκήρυξη έχει αναρτηθεί σε Διαδικτυακή Πύλη Agora/ΥΠΕΞ στον ακόλουθο υπερσύνδεσμο:

http://agora.mfa.gr/ta-grafeia-oikonomikon-emporikon-upotheseon/grafeia-ana-xora/infofile/60407

7. Παραμένουμε στη διάθεσή σας για κάθε σχετική βοήθεια, επεξήγηση ή πληροφορία.

Η Προϊσταμένη

Βιβή Καμπουρόγλου Σύμβουλος Ο.Ε.Υ. Α'



Request for Proposal ("RFP") No. 41756

Provision of Consulting Services in Various Railway Fields for

Israel Railways

General Terms and Conditions

Preamble

Israel Railways Ltd. ("**ISR**"), in accordance with its obligations under the Israeli Mandatory Tender Law and its implementing regulations, wishes to obtain bids for:

Professional consulting services, assistance and support (the "Consulting Services") in ISR's various railways fields (hereinafter: "railways fields") including:

- Rolling Stock development and maintenance Appendix A1
- **Infrastructure** development and maintenance Appendix A2
- **Telecommunication** development and maintenance Appendix A3
- Railway Operations development and maintenance Appendix A4
- Computerization development and maintenance Appendix A5
- Safety, Security and Environment development and maintenance Appendix A6
- Planning and Development development and maintenance Appendix A7

All as set out in the attached Appendix A (the "Scope of Services").

The bidder may submit a proposal for any and/or all of the Scope of Services set forth in the attached Appendix A1-A7 or any part thereof. By way of example, a bidder may submit a proposal for the Scope of Services set forth in Appendix A1 or any part thereof and in addition may submit a proposal for the Scope of Services set forth in Appendix A3 or any part thereof.

Each proposal will be reviewed and evaluated separately, as if submitted in different tenders.

Without derogating from the above-mentioned, the prices submitted by the bidder (in the attached Appendix B), shall be applicable to each and all proposals.

1. General Terms

1.1. ISR intends to enter into a framework agreement with more than one bidder for each railway field specified in each of the attached Appendices A1-A7, on a non-exclusive basis for the provision of the Consulting Services from time to time for a period of two (4) years as from the Agreement's signing Date (the "Agreement Period").



- **1.2.** In addition, ISR shall have the option to extend the Agreement Period for additional successive periods of up to a maximum of four (2) years commencing as from the completion of the Agreement Period ("**Option Period**").
- **1.3.** It is hereby clarified that during the Agreement Period or any time thereafter, ISR may at its sole discretion engage in a contractual relationship with additional consultants for any scope of services.
- **1.4. Scope of Services** The Services to be performed by the winning bidder(s) ("Consultant(s)") shall be carried out through Task Orders issued from time to time by ISR on a non-exclusive basis (hereinafter "Task Orders") in accordance with the Scope of Service detailed in the attached Appendix A which is relevant to the bidder's proposal and the agreement to be signed with the winning bidders.
- **1.5.** It is hereby clarified that ISR shall be under no obligation whatsoever to purchase all or any part of the Services requested under this RFP and may decide not to issue any Task Orders throughout the Agreement Period. In this event, the bidder won't be entitled to any compensation.
- **1.6.** The Services shall be provided at the Consultant's home country or on site in Israel, as the circumstances shall require and as defined in each Task Order. In addition, ISR may issue Task Orders for supervision and/or project- management, requiring the Consultant to be present in locations other than Israel or the Consultant's home country.
- **1.7. Language** All communication and documentation submitted by the Consultant whether by way of oral presentation or written reports, including all correspondence between ISR and the Consultant, shall be in English or in Hebrew.
- **1.8. Governing Agreement** The performance of the Services, including but not limited to, the fees, the Task Orders, the terms of payment, the working procedures, the scope of liability, responsibility and all other general and legal terms for the engagement of the Consultant by ISR are governed by the Consulting Agreement, attached hereto as Appendix C (the "**Agreement**"). The Agreement, Annexes and the Appendices attached thereto constitute an inseparable part of this RFP.

2. <u>Pre-requisites for Participation in the RFP ("Pre-requisites")</u>

- **2.1.** The Bidder must be a registered company or a governmental entity.
- **2.2.** The Bidder has provided, from 2013 onwards, technical and/or operational and/or economical Consulting Services for two different projects which were executed in the heavy-railway field.

For the sake of clarity, it is hereby specified that the receipt of the RFP documents by any bidder shall not be deemed as an approval by ISR of the compliance of such bidder with the Pre-requisites.



3. Proof of compliance

- **3.1.** The bidder shall prove its compliance with Section 2.1 by submitting a statement signed by an attorney stating that the bidder is a registered company or a governmental entity.
- **3.2.** Such statement shall be submitted by completing part I of the attached **Appendix D**.
- **3.3.** The bidder shall prove its compliance with 2.2 of the Pre-requisites by completing part II of the attached Appendix D.
- **3.4.** The bidder may attribute past experience of employees (even prior to employment with the bidder) in order to comply with Section 2.2 of the Pre-requisites.
- **3.5.** A bidder who shall not prove its full compliance with the Pre-requisites may be disqualified.
- **3.6.** Notwithstanding the aforesaid, ISR shall have the right, at its sole discretion, not to disqualify proposals which do not contain all the documents necessary to prove the bidders compliance with the Pre-requisites. ISR shall have the right, at its sole discretion, to request from any of the bidders any additional details, approvals, recommendations and certificates, necessary to enable ISR to reach the required decisions.
- **3.7. Required Personnel** In order to perform the Services, the Consultant shall specify in the attached **Appendix F**, the key personnel for providing the Services, consisting of at least:
 - One (1) engineer with at least ten (10) years of proven experience (senior consultant), in providing technical and/or operational and/or economical consultancy services in any of the railway field for which the bidder has submitted its proposal.
 - In addition, bidder should submit the C.V. of such senior consultant. The C.V. shall indicate the senior consultant's position; commencement of employment with the bidder (month/year); qualification; year of graduation; years of Experience; notable projects; and professional experience.
 - It is hereby clarified that Appendix F should be submitted by the bidder in accordance with each railway field (Appendices A1-A7) it has submitted its proposal for.

4. Commercial Terms

- **4.1. Price Proposal** The Bidder shall quote a discount rate (in percentages), which shall be applicable on the prices and fees of the Consulting Services specified in the bidder's proposal form attached hereto as **Appendix B** (the "**Discount Rate**"). It is clarified that such fees shall be daily fees applicable to each and every Task Order issued by ISR from time to time throughout the Agreement Period.
- **4.2.** Nevertheless, the bidder may be requested to provide consulting-service for less than one working-day. In this event, the price of the hourly service will be calculated as a derivative price of one working day within a task order of 11-30



working-days, as specified in the aforesaid **Appendix B** (pursuant to the discount rate offered by the bidder) in accordance with the category of the relevant Consultant (Junior, Senior, Technician/clerks).

- **4.3.** Task orders for supervision and/or project-management and/or Long term Task Orders (as defined in paragraph 4.5 of the attached **Appendix B**), shall be negotiated between the parties on a Task Order basis, based on the Bidder's Price Proposal.
- **4.4.** The prices and fees specified pursuant to Section 4.1 above shall include all taxes, fees, duties, licenses, costs or other payments that are to be paid in connection with the Scope of Services, excluding the cost of flight tickets to and from Israel. Notwithstanding the abovementioned, ISR shall only be liable for any VAT levied on the Services by the Israeli Tax Authorities.
- **4.5.** The price specified in the Bidder's Proposal Form (**Appendix B**) based on the Discount Rate submitted by the bidder, shall include any sum which the Israeli Tax Authorities require to be withheld at source. The amounts required by applicable law to be withheld at source by the Israeli Tax Authorities shall be paid by ISR directly to the Israeli Tax Authorities and shall be deducted from all sums set out in the Bidder's Proposal Form (prices plus discount rate), payable pursuant to the Agreement, unless the supplier submits to ISR a formal exemption-approval from the Israeli Tax authorities.
- **4.6.** The sums stated in the Bidder's Proposal Form shall be quoted in Euro (€) currency and shall constitute the final, complete and inclusive price that will be paid to the Consultant for providing the Services, including all of the relevant expenses and taxes as mentioned above, and the Consultant shall not be entitled to any other payment, fee or compensation whatsoever from ISR.
- **4.7. Terms of Payment** as set forth in the Bidder's Proposal Form (**Appendix B**) and in the Agreement attached hereto.

5. Tender Procedure – General

- **5.1.** Tender Documents are available for review and download at no charge at ISR's website at the following address:
 - http://www.rail.co.il/HE/ISRTenders/Pages/TenderList.aspx
- **5.2.** Any Bidder who encounters difficulties in downloading the Tender Documents may contact Ms. Nathalia Eisenfeld, International Procurement Coordinator, by facsimile at +972-3-693-7416 or by e-mail: nathaliae@rail.co.il.

6. Selection of the Winning Proposals

The criteria to be used by ISR for evaluating the proposals and selecting the winning proposals shall include the following:

6.1. Commercial Evaluation (65 points) calculated as follows:



(a) First, the **Proposal Evaluation Price** ("**PEP**") will be determined in accordance with the following formula:

PEP = TP + 100*DBL

Where:

TP – The Subtotal calculated in accordance with the formula specified in the Bidder's Proposal Form (Appendix B), based on the Discount Rate submitted by the bidder.

DBL – Daily Board and Lodging <u>in Israel</u>, pursuant to Bidder's Proposal Form (Appendix B).

Be advised that the DBL shall not exceed - under any circumstances - $190 \in \text{Euro ISR}$ shall amend each proposal that exceeds $190 \in \infty$ that it shall be equal to $190 \in \text{Euro}$.

(b) After the Proposal Evaluation Price is determined, the **Commercial Evaluation Scoring** ("CES") will be calculated, pursuant to the following formula:

 $CES = \underline{LPEP *65}$

BPEP

Where:

CES – Bidder's Commercial Evaluation Scoring

LPEP – Lowest Proposal Evaluation Price among all valid proposals, calculated as per subsection (a) above

BPEP – the specific PEP of the Bidder being evaluated, calculated as per subsection (a) above.

6.2. Professional Criteria (35 points):

- 6.2.1. The bidder shall complete part II of the attached Appendix D, including details and quantities of technical and/or operational and/or economical Consulting-projects performed, references and contact details of customers.
- 6.2.2. The 35 points of the professional criteria shall be allocated as follows:
- (a) <u>Fifteen (15) points</u> quantity of different heavy-railway projects in which the bidder has provided technical and/or operational and/or economical Consulting Services during the <u>last ten (10) years</u>, as specified in **part II** of **Appendix D** attached hereto. The points shall be allocated as follows:
- **a.1.** 3-5 projects **10 points**;
- **a.2.** 6-10 projects **13 points**;
- **a.3.** 11 projects and more **15 points**.
- (b) <u>Ten (10) points</u> quality of projects which are relevant to each scope of service. This criterion will be evaluated on the basis of the *projects description* specified by the bidder in **part II** of **Appendix D** attached

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hereto and any inquiry ISR may perform with the relevant contact person. The points shall be allocated as follows:

- **a.1.** complexity of consulting service rendered by the bidder **4 points**;
- **a.2.** compliance with time schedules 4 points;
- **a.3.** total consulting-services price 2 point;
- 6.2.3. It is hereby clarified that part II of Appendix D should be completed and submitted by the bidder in accordance with each railway fields (Appendices A1-A7) included in Bidder's proposal;
- 6.2.4. Each project shall be described in the Bidder's proposal, in accordance with all the specifications mentioned under the relevant railway-field (Appendices A1-A7) included in Bidder's proposal.
- 6.2.5. It is being clarified that the structure of the proposal shall match the exact structure of each of the appendices A1-A7, included in Bidder's proposal.

For Example:

Paragraph 2.1 in the bidder's proposal shall include the answer for paragraph 2.1 in the specific appendix for which the Bidder chose to submit its proposal, etc.

In the event a Bidder chooses not to reply to a specific Section of the relevant Appendix, such Bidder shall skip over the said section and then keep numbering its following replies in strict accordance with the number of the relevant section in the Appendix.

(c) <u>Eight (8) points - Bidder's experience with the UIC and EN railway standards.</u>

Bidder shall provide information with regards to its experience with the above standards, including the following:

- Information with regards to projects in which UIC and/or EN standards were applied. The bidder shall describe such projects by completing the *project description chart* in **part II** of the attached **Appendix D**.
- A signed declaration part III of Appendix D attached hereunder specifying the Bidder's experience with such standards.

(d) Two (2) points - Bidder is ISO 9001:2008 certified.

The evaluation of this criterion shall be based on submission of a valid ISO 9001:2008 certificate, with the bidder's proposal.

6.3. Selection of the winning proposals:

The selection of the winning proposals shall be made as follows:

The wining proposals shall be selected according to the following formula:

FS = CES + PES

Where:

FS – Final Scoring



CES – Commercial Evaluation Scoring, calculated pursuant to Section 6.1 (b) above.

PES – Professional Evaluation Scoring, calculated as total points received in all of the Professional-criteria set out in Section 6.2 above.

- 6.3.1. The Winning proposals shall be the 6 proposals which Final Score (FS) are the highest in each field, as provided in Appendices 1-7.
- 6.3.2. As mentioned above, the bidder may submit a proposal for any and/or all of the Scope of Services set forth in the attached Appendix A1-A7 or any part thereof. The **Professional Evaluation Scoring** (and therefore **The Final Scoring**) will be calculated separately for each scope of services the bidder has submitted its proposal to.
- 6.3.3. Without derogating from the above-mentioned, the prices submitted by the bidder (in **Appendix B**) and therefore the **Commercial Evaluation Scoring** of the proposal, shall be applicable to each and every scope of service the bidder has submitted its proposal for.

For the avoidance of any doubt, the bidder won't be allowed to submit different prices (discount rate) for different scope of services.

For Example:

If the bidder submits a proposal for the scope of services set forth in Appendix A1 <u>and</u> an additional proposal for the scope of services set forth in Appendix A4 - the same **Commercial Evaluation Scoring** (calculated pursuant to Section 6.1 above, will be added separately to the different **Professional Evaluation Scoring** received by the bidder for each of these proposals (submitted in relation with Appendix A1 and Appendix A4), in order to calculate its **Final Scoring** for each scope of service.

6.3.4. As mentioned above, it is ISR's intention to select more than one winning bidder in each of the relevant railway field.

7. Submission of Proposals

- **7.1.** Each proposal shall be submitted by a single bidder. Proposals submitted jointly by more than one bidder will be disqualified.
- 7.2. Proposals must be submitted no later than January 16, 2018, by 13:00 Israel time, in a closed envelope which shall read RFP No. 41756 (hereinafter: the "Main Envelope") at the address set forth below.
- **7.3.** The proposals are to be submitted in **three** (3) **copies** for each railway-field for which the bidder has submitted its proposal (**Appendices A1-A7**), into **Tender Box No. 8**, located at the following address:

Israel Railways Ltd.
Procurement & Contracting Division - Tender Box No. 8
Darkei Moshe St., 3
Lod 7130703
Israel

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- **7.4.** The bidder is requested to read carefully all of the documents attached herein and submit the following documents which shall be included in the Main Envelope and signed, where applicable, by the authorized signatory bodies:
 - 7.4.1. A separate envelope which shall read "Commercial Proposal RFP No. 41756" shall be inserted in the Main Envelope and shall include a signed and completed Bidder's Proposal Form (Appendix B).
 - 7.4.2. A separate envelope which shall read "**Professional Proposal RFP No. 41756**" shall be inserted in the Main Envelope and shall include all the other Appendices and other necessary documents, inter alia, the following:
 - 7.4.2.1. A signed copy of the Consulting Agreement (**Appendix C**), including the bidder's relevant information in the heading thereof (excluding the date).
 - 7.4.2.2. A signed and completed copy of **Appendix D** (all three parts).
 - 7.4.2.3. A signed confidentiality undertaking, in the form attached hereto as **Appendix E**.
 - 7.4.2.4. A valid ISO 9001:2000 certificate.
 - 7.4.2.5. All other documents and certificates, necessary to prove the bidder's compliance with the Pre-requisites.
 - 7.4.2.6. Information on the bidder's personnel, as mentioned in paragraph 3.7 above (**Appendix F**). The bidder should also include resumes of each of such personnel specifying each of their experience.
 - 7.4.3. All submitted proposals shall be valid until July 16, 2018 and may not be revoked or changed by the bidder before such date for any reason whatsoever.
 - 7.4.4. All documents submitted in this RFP must be in English or Hebrew.

8. General

- 8.1.1. A proposal reflecting any reservation regarding the attached documents or any part thereof, including the Agreement or the appendices attached thereto, whether by rejection, insertion or amendment to any part of the attached documents, may be disqualified.
- 8.1.2. ISR shall not be bound to accept the lowest priced proposal or any other proposal whatsoever. In addition, ISR does not commit itself in any way to acquire any of the Scope of Services or any part thereof, nor is ISR committed in any way to enter into a contractual relationship with any of the bidders.
- 8.1.3. ISR reserves the right, at its sole discretion, to conduct negotiations, at any time, with respect to the commercial and/or professional aspects of a proposal, with any of the bidders that it finds suitable. The method of conducting the

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negotiations including a Best and Final stage shall be determined by ISR at its sole and absolute discretion.

- 8.1.4. Any of the Scope of Services acquired shall be on a non-exclusive basis and ISR, in its sole discretion, may at any time, obtain any part of the Scope of Services from any of the bidders, and/or may acquire similar or identical services from any third party, and/or may itself perform the Scope of Services, in addition to, or in place of, the Services obtained from the Consultant.
- 8.1.5. ISR, at its sole discretion, may decide not to select any of the submitted proposals or may decide to cancel the entire RFP at any time. In this event, the bidders won't be entitled to any compensation.

9. Request for clarifications and/or additional information

- 9.1.1. Any Bidder may submit to ISR, in writing, inquiries and/or requests for clarification and/or additional information regarding the Tender or relating to the Tender Documents, as specified herein below.
- 9.1.2. Any inquiries with regards to this Tender should be addressed, in writing only and no later than **December 6, 2017**, to Ms. Nathalia Eisenfeld, International Procurement Coordinator, by e-mail: nathaliae@rail.co.il. Bidders shall be responsible for verifying receipt by ISR of Requests for Clarification.





APPENDIX A

SCOPE OF SERVICES

| Appendix A1 | Scope of Services for Rolling Stock Division |
|-------------|---|
| Appendix A2 | Scope of Services for Infrastructure Division |
| Appendix A3 | Scope of Services for Railway Telecommunication Division |
| Appendix A4 | Scope of Services for Railway Operations Division |
| Appendix A5 | Scope of Services for Computerization Division |
| Appendix A6 | Scope of Services for Safety, Security and Environment Division |
| Appendix A7 | Scope of Services for Planning and Development Division |

The bidder should indicate \boldsymbol{X} for the type of service proposed. ***





APPENDIX A1 Rolling Stock SCOPE OF SERVICES

| Please indicate X for the type of service proposed. | 1. The Services |
|---|---|
| type of service proposed. | 1.1 General Consulting services in the field of Railways Rolling stock <i>inter alia</i> : |
| | 1.1.1 Railways Rolling Stock design. |
| | 1.1.2 Railways Rolling Stock maintenance and infrastructure subsystems. |
| | 1.1.3 Assistance in preparation of Rolling Stock Tenders |
| | 1.1.4 Preparation and assessment of technical specifications for Rolling stock (in relation with tenders and/or different/other work-processes). |
| | 1.1.5 Consulting services in the field of Management of tendering process in the Railways Rolling Stock field. |
| | 1.1.6 Conception studies for Railways systems (fleet optimization, operational issues, etc.) |
| | 1.1.7 Safety studies and assessment (Reliability, availability, maintainability, safety - RAMS). |
| | 1.1.8 Standardization processes, related to standards relevant for railways rolling stock field (UIC, Euro norms - EN, Technical specification for interoperability TSI). |
| | 1.1.9 Adaptation of international norms to ISR Rolling Stock requirements, and local conditions and limitations. |
| | 1.1.10 LCC studies assessment. |
| | 1.1.11 Engineering of project in the Railway Rolling Stock field including but not limited to: |
| | 1.1.11.1 conception of hauled and track rolling stock; |
| | 1.1.11.2 maintenance installations and workshops including engineering equipment; |
| | 1.1.12 Consulting services in the field of Rehabilitation of existing Railway Rolling Stock equipment / related issues. |
| | 1.1.13 Technical and/or other Professional Support, training, assistance and development of technical (or other) staff for track maintenance and relevant engineering equipment, especially in the Rolling stock field. |
| | 1.1.14 Second opinion for existing works related to the abovementioned issues. |
| | 2. Supervision of Rolling Stock |
| | 2.1 Design appraisal. |
| | 2.2 Structural analysis in Railways Rolling Stock field. |
| | 2.3 Running dynamic analysis and studies. |
| | 2.4 Supervision and Quality-Assurance of supply contracts. |
| | 3. <u>Tests</u> |
| | 3.1 Measurements and tests with regard to vehicle running dynamics (field tests). |
| | 3.2 Brake tests on vehicles. |



| 3.3 Structural tests and Measurements of loads collective services. | |
|--|--------|
| 3.4 Comfort of ride. | |
| 3.5 Tests for Certification of sub-systems (in relation with design | nated |
| railway regulation). | |
| 4. Rolling Stock Maintenance | |
| 4.1 Reorganization of maintenance facilities. | |
| 4.2 Studies for additional maintenance facilities. | |
| 4.3 Modifications and up-grades of maintenance-technology and system | ns |
| (by way of example: "Planed Maintenance" system, etc). | |
| 5. Project Management | |
| 5.1 management of projects in the Railway Rolling Stock field inclu | ıding |
| but not limited to: | |
| 5.1.1 conception of hauled and track rolling stock; | |
| 5.1.2 maintenance installations and workshops including | |
| engineering equipment; | |
| 6. Economical Assessments | |
| 6.1 Economical checking and assessments in relation with new Rai | lway |
| Rolling Stock projects. | |
| 6.2 Provision of comparison data-base, which shall include: | |
| 6.2.1 Method of Pricing | |
| 6.2.1.1 Maintenance cost of freights-wa | _ |
| passengers-carriage per each track kilometer, div | |
| to the following parameters: human resou | rces; |
| equipment; material; etc. | |
| 6.2.1.2 Maintenance cost of electric-locomotive / di | |
| locomotive per each track kilometer, divided to | |
| following parameters: human resources; equipr | nent; |
| material; etc. | |
| 6.2.1.3 Maintenance cost of IC3 (inter-city 3) per each | |
| kilometer, divided to the following parame | eters: |
| human resources; equipment; material; etc. | |



APPENDIX A2 Infrastructure **SCOPE OF SERVICES**

| Please indicate X for the type of service proposed. | 1 | The S | Services |
|---|--|-------|---|
| | | 1.1 | General Consulting services in the field of Railways infrastructure inter |
| | | | alia: |
| | | | 1.1.1 Adaptation of international regulations to ISR Infrastructure |
| | | | requirements, and local conditions and limitations. |
| | | | 1.1.2 Setting schedule for infrastructure-maintenance near operated |
| | | | railway-tracks. |
| | | | 1.1.3 Optimization of ISR traffic-schedule in relation with |
| | | | infrastructure-maintenance needs. |
| | | | 1.1.4 Engineering of new projects, including: |
| | | | 1.1.4.1 track infrastructure, |
| | | | 1.1.4.2 Track-related works (bridges, level crossings, etc.), |
| | | | 1.1.4.3 railways stations, |
| | | | 1.1.4.4 Engineering-equipment for installation, maintenance and |
| | | | workshops, |
| | | | 1.1.4.5 Operations systems (traffic control system, etc.). |
| | | | 1.1.5 Consulting services in the field of Rehabilitation of existing |
| | | | infrastructure, and other equipment / related issues. |
| | | | 1.1.6 Second opinion for existing works related to the above- |
| | | | mentioned issues. |
| | | | 1.1.7 Technical and/or other Professional Support, training, assistance |
| | | | and development of technical (or other) staff for track |
| | | | maintenance and relevant engineering equipment in the |
| | | | Infrastructure field. |
| | 2 | | ect Management |
| | | 2.1 | Project management of new projects, including: |
| | | | 2.1.1 Track infrastructure, |
| | | | 2.1.2 Track -related works (bridges, level crossings, etc.), |
| | <u> </u> | | 2.1.3 railways stations, |
| | | | 2.1.4 Engineering-equipment for installation, maintenance and |
| | | | workshops, |
| | 3 | | omical Assessments |
| | | 3.1 | Economical checking and assessments in relation with new |
| | | 2.2 | Infrastructure projects. |
| | | 3.2 | Provision of comparison data-base, which shall include: |
| | | | 3.2.1 Method of Pricing |
| | 1 | | 3.2.1.2 Placing cost per Track, divided to the following |
| | | | parameters: human resources; equipment; material; etc. |
| | 1 | | 3.2.1.4 Maintenance cost per Track, divided to the following |
| | <u> </u> | | parameters: human resources; equipment; material; etc. |





APPENDIX A3 Telecommunication SCOPE OF SERVICES

| Please indicate X for the type of service proposed. | 4 | The S | <u>lervices</u> |
|---|---|-------|---|
| type of service proposed. | | 4.1 | General Consulting services in the field of Railways telecommunication <i>inter alia</i> : |
| | | | 4.1.1 Adaptation of international regulations to ISR Telecommunication requirements, and local conditions and limitations. |
| | | | 4.1.2 Technical and/or other Professional Support, training, assistance and development of technical (or other) staff for track maintenance and relevant engineering equipment, in the Telecommunication field. |
| | 5 | Proje | ct Management |
| | | 5.1 | Project management of new projects, including: |
| | | 3.1 | 5.1.1 Engineering-equipment for installation, maintenance and workshops. |
| | | | 5.1.2 Operations systems (traffic control system, etc.). |
| | 6 | Railw | vay Signaling |
| | | 6.1 | Project management and Engineering of new projects, including: |
| | | | 6.1.1 Signaling-related works (signaling, level crossing, ATP system, |
| | | | safety, electrification, energy, communication), |
| | | 6.2 | Professional recommendations and advice with regards to Tasks and |
| | | | Projects inter alia: |
| | | | 6.2.1 installation, maintenance and extensions of Electronic Signaling system |
| | | | 6.2.2 NTC (Network Traffic Control) which shall control ISR's |
| | | | electronic and relay signaling system |
| | | | 6.2.3 Design and Planning of Electronic and Relay Signaling: |
| | | | 6.2.3.1 Design of changes and additions to the relay signaling |
| | | | 6.2.3.2 Design of changes to the relay signaling in order to integrate level crossings. |
| | | | 6.2.3.3 Design of layout changes of the electronic signaling. |
| | | | 6.2.4 Implementations of changes in existing relay interlocking and crossings. |
| | | | 6.2.5 Design and implementation of new level crossings, protected by full barriers, radar scanner and signals. |
| | | 6.3 | Supervision with regards to the Tasks and Projects set forth in Section 3.1. |
| | | 6.4 | Performance of the tasks set forth in Sections 3.1.3 and 3.1.5. |
| | | 6.5 | Contact with professional bodies/entities that are involved in the project |
| | | 6.6 | or tasks set forth in Section 3.1 above, in Israel and abroad. Professional advice pertaining to the schedule of the projects including |
| | | 0.0 | the time schedule of each contractor, including proposing methods for |
| | | | shortening the duration of the projects. |
| | | 6.7 | Professional advice regarding quality assurance of the works performed. |
| | | 6.8 | Professional advice regarding the quality of the works performed by |



| | each contractor involved in the execution of the projects. |
|---|--|
| 6.9 | Assistance in solving engineering problems which arise during the |
| 0.9 | projects. |
| 6.10 | Professional advice regarding the cost and budget of the projects. |
| 6.11 | Professional advice regarding the tender for the new Electronic |
| | Signaling System (ESS) and the contractual terms with the selected |
| | contractor for the project. |
| 6.12 | Professional advice regarding risk management. |
| 6.13 | Professional advice regarding other related issues. |
| 7 Econo | omical Assessments |
| 7.1 | Economical checking and assessments in relation with new |
| | Telecommunication projects. |
| 7.2 | Provision of comparison data-base, which shall include: |
| | 7.2.1 Method of Pricing |
| 1 | 7.2.1.2 Placing cost per Track, divided to the following |
| | parameters: human resources; equipment; material; etc. |
| 1 | 7.2.1.4 Maintenance cost per Track, divided to the following |
| | parameters: human resources; equipment; material; etc. |
| | MS PROJECT |
| 8.2 | Professional advice regarding the tender ETCS Track Side, ETCS On |
| 0.2 | Board, GSMR` |
| 8.3 | Professional advice for implementation of ERTMS, training, laboratory |
| 8.4 | tests, training simulators, etc; Professional advice regarding risk management; |
| 8.5 | Professional advice regarding fisk management, Professional advice regarding other related issues; |
| 0.5 | Troressional advice regarding other related issues, |
| | |
| Supervision | and Project Management for ERTMS PROJECT |
| | and Project Management for ERTMS PROJECT MS L2 activities relating to ERTMS trackside deployment |
| ETRN | MS L2 activities relating to ERTMS trackside deployment |
| | MS L2 activities relating to ERTMS trackside deployment Program Management; |
| ETRN 8.6 | MS L2 activities relating to ERTMS trackside deployment |
| 8.6 8.7 | MS L2 activities relating to ERTMS trackside deployment Program Management; External monitoring and Safety Management System; |
| 8.6 8.7 8.8 | MS L2 activities relating to ERTMS trackside deployment Program Management; External monitoring and Safety Management System; Design and Design supervision (GSM-R); |
| 8.6 8.7 8.8 8.9 8.10 | MS L2 activities relating to ERTMS trackside deployment Program Management; External monitoring and Safety Management System; Design and Design supervision (GSM-R); GSMR Pilot Lines; |
| 8.6 8.7 8.8 8.9 8.10 | Program Management; External monitoring and Safety Management System; Design and Design supervision (GSM-R); GSMR Pilot Lines; ETCS Project; activities related to ERTMS on-board deployment Program Management; |
| 8.6 8.7 8.8 8.9 8.10 ERTMS L2 a | MS L2 activities relating to ERTMS trackside deployment Program Management; External monitoring and Safety Management System; Design and Design supervision (GSM-R); GSMR Pilot Lines; ETCS Project; activities related to ERTMS on-board deployment |
| 8.6 8.7 8.8 8.9 8.10 ERTMS L2 3 | Program Management; External monitoring and Safety Management System; Design and Design supervision (GSM-R); GSMR Pilot Lines; ETCS Project; activities related to ERTMS on-board deployment Program Management; Design and Design supervision; Prototype; |
| 8.6 8.7 8.8 8.9 8.10 ERTMS L2: 8.11 8.12 | Program Management; External monitoring and Safety Management System; Design and Design supervision (GSM-R); GSMR Pilot Lines; ETCS Project; activities related to ERTMS on-board deployment Program Management; Design and Design supervision; |
| 8.6 8.7 8.8 8.9 8.10 ERTMS L2: 8.11 8.12 8.13 8.14 8.15 | Program Management; External monitoring and Safety Management System; Design and Design supervision (GSM-R); GSMR Pilot Lines; ETCS Project; activities related to ERTMS on-board deployment Program Management; Design and Design supervision; Prototype; Retrofit; Authorization for placing in service; |
| 8.6 8.7 8.8 8.9 8.10 ERTMS L2: 8.11 8.12 8.13 8.14 8.15 8.16 | Program Management; External monitoring and Safety Management System; Design and Design supervision (GSM-R); GSMR Pilot Lines; ETCS Project; activities related to ERTMS on-board deployment Program Management; Design and Design supervision; Prototype; Retrofit; Authorization for placing in service; Onboard project board; |
| ETRN 8.6 8.7 8.8 8.9 8.10 ERTMS L2: 8.11 8.12 8.13 8.14 8.15 8.16 8.17 | Program Management; External monitoring and Safety Management System; Design and Design supervision (GSM-R); GSMR Pilot Lines; ETCS Project; activities related to ERTMS on-board deployment Program Management; Design and Design supervision; Prototype; Retrofit; Authorization for placing in service; Onboard project board; Onboard maintenance; |
| 8.6 8.7 8.8 8.9 8.10 ERTMS L2 3 8.11 8.12 8.13 8.14 8.15 8.16 8.17 ERTMS L2 3 | Program Management; External monitoring and Safety Management System; Design and Design supervision (GSM-R); GSMR Pilot Lines; ETCS Project; activities related to ERTMS on-board deployment Program Management; Design and Design supervision; Prototype; Retrofit; Authorization for placing in service; Onboard project board; Onboard maintenance; activities related to organizational change |
| ETRN 8.6 8.7 8.8 8.9 8.10 ERTMS L2: 8.11 8.12 8.13 8.14 8.15 8.16 8.17 | Program Management; External monitoring and Safety Management System; Design and Design supervision (GSM-R); GSMR Pilot Lines; ETCS Project; activities related to ERTMS on-board deployment Program Management; Design and Design supervision; Prototype; Retrofit; Authorization for placing in service; Onboard project board; Onboard maintenance; |





APPENDIX A4 **Railway operation** SCOPE OF SERVICES

| Please indicate X for the type of service proposed. | 1 | The Services | |
|---|-----|--------------|---|
| type of service proposed. | 1.1 | Project Mana | gement and/or General Consulting services in the field of |
| | 1.1 | | cation inter alia: |
| | | 1.1.1 | Consulting services in the field of Operation of railways |
| | | 21212 | stations |
| | | 1.1.2 | Market surveys |
| | | 1.1.3 | Feasibility studies |
| | | 1.1.4 | Operational planning of railway infrastructure and rolling |
| | | | stock |
| | | 1.1.5 | Timetables |
| | | 1.1.6 | Consulting services in the field of Information systems for |
| | | | timetable planning and simulation, timetable management |
| | | | etc. |
| | | 1.1.7 | Consulting services in the field of Performance of Railway |
| | | | operational projects. |
| | | 1.1.8 | Consulting services in the field of Commissioning of new |
| | | | Signaling and traffic control systems |
| | | 1.1.9 | Consulting services in the field of ERTMS |
| | | | Assimilation of new regulation and/or Rule-making |
| | | 1.1.11 | Adaptation of international regulations to ISR Operation |
| | | | requirements, and local conditions and limitations. |
| | | | Consulting services in the field of Safety regulations. |
| | | | Traffic operational management |
| | | 1.1.14 | Consulting services in the field of Training and simulation |
| | | | software for training of operators. |
| | | 1.1.15 | Consulting services in the field of Rehabilitation of existing |
| | | 1 1 1 2 | Operation-equipment / related issues. |
| | | 1.1.16 | Examination of issues in respect of rail tracks, command, |
| | | 1 1 17 | control and Operation-systems; |
| | | 1.1.1/ | Consulting services in the field of Criteria and Decision- |
| | | 1 1 10 | Making processes for opening and closure of stations; |
| | | 1.1.10 | Technical and/or other Professional Support, training, assistance and development of technical (or other) staff for |
| | | | track maintenance and relevant engineering equipment, |
| | | | especially in the Railway Operation field. |
| | | 1 1 19 | Second opinion for existing works related to the above- |
| | | 1.1.17 | mentioned issues. |
| | 2 | Economical A | |
| | _ | 2.1 | Economical checking and assessments in relation with new |
| | | | Operation-projects. |
| | | 2.2 | Provision of comparison data-base, which shall include: |
| | | 2.2.1 | information with regard to operation-methods in freight- |
| | | | field |
| | | | 2.2.1.1 Carriage- quantity. |



| 2.2.1.2 Number of required | locomotive necessary for |
|------------------------------------|--------------------------|
| each ride. | |
| 2.2.1.3 Required locomotive-p | ower. |
| 2.2.1.4 Locomotive types. | |
| 2.2.2 information with regard to o | peration-terminals in |
| <u>freight-field</u> | |
| 2.2.2.1 Loading. | |
| | |



APPENDIX A5 Computerization SCOPE OF SERVICES

| Please indicate X for the | 1 The Services | | | |
|---------------------------|---|--|--|--|
| type of service proposed. | THE SELVICES | | | |
| | 1.1 General Consulting services in the field of Computerization <i>inter alia</i> : 1.1.1 Engineering of Railway information systems and | | | |
| | | | | |
| | technologies. | | | |
| | 1.1.2 Support for preparing RFP's and RFI's for IT systems. | | | |
| | 1.1.3 Studying and Preparation of practical information (Analysis) | | | |
| | about different and special railway IT systems include: | | | |
| | 1.1.3.1 Railway positioning systems (trains, coaches, containers) | | | |
| | 1.1.3.2 Railway optimization systems (wagons assignments, | | | |
| | calculations of optimal amount of wagons) | | | |
| | 1.1.3.3 Operational railway on shelf packages and interfaces with SAP ERP. | | | |
| | 1.1.3.4 IT applications for railway electrification systems | | | |
| | 1.1.3.5 Scheduling and simulation of timetable systems. | | | |
| | 1.1.3.6 Railway maintenance systems. | | | |
| | 1.1.3.7 Railway GIS and GPS systems. | | | |
| | 1.1.3.8 Railway wireless communication systems | | | |
| | 1.1.3.9 ATFC systems (ticketing). | | | |
| | 1.1.3.10 PIS (Passenger Information Systems) | | | |
| | 1.1.3.11 Designated Railway systems | | | |
| | 1.1.4 Rehabilitation of existing Computers-equipment / related issues. | | | |
| | 1.1.5 Technical and/or other Professional Support, training, | | | |
| | assistance and development of technical (or other) staff for | | | |
| | Railway information systems, technologies and if relevant | | | |
| | any relevant engineering equipment, especially in the | | | |
| | computerization field. | | | |
| | 1.1.6 Second opinion for existing works related to the above- | | | |
| | mentioned issues. | | | |
| | 2 Project Management 2.1 Project Management of Boilway information systems and technologies | | | |
| | 2.1 Project Management of Railway information systems and technologies, | | | |
| | including but not limited to the above-mentioned issues. | | | |
| | 3 Economical Assessments 3 1 Economical abacking and assessments in relation with now | | | |
| | 3.1 Economical checking and assessments in relation with new Computer-projects. | | | |





APPENDIX A6 **Safety, Security and Environment SCOPE OF SERVICES**

| Please indicate X for the type of service proposed. | 1 The Services | |
|---|---|---------------------------------|
| type of service proposed. | 1.1 General Consulting services in the field of Safety, | Security and |
| | Environment inter alia: | • |
| | 1.1.1 Development of Safety culture. | |
| | 1.1.2 Consulting services in the field of Safety at le | evel crossings. |
| | 1.1.3 Consulting services in the field of Interface b | etween safety |
| | and human element. | |
| | 1.1.4 Safety aspects of Railway-Corridors (Ri | ght of way; |
| | Trespassing; Train speed; etc.) | |
| | 1.1.5 Safety aspects of Railway equipment incl | luding rolling |
| | stock, infrastructure, signaling, operation. | |
| | 1.1.6 Investigation and/or Consulting service in Accident. | the field of |
| | 1.1.7 Safety survey and Risk assessment and manage | gement. |
| | 1.1.8 Emergency management. | |
| | 1.1.9 Consulting services in the field of Safety in tu | innels. |
| | 1.1.10 Consulting services in the field of Tran | sportation of |
| | dangerous goods. | |
| | 1.1.11 Consulting services in the field of Safety | of work near |
| | operated tracks. | |
| | 1.1.12 Innovations for Rail Safety. | |
| | 1.1.13 Consulting services in the field of Occupation | |
| | Safety near different types of workplaces (of etc). | fices, outdoor, |
| | 1.1.14 Consulting services in the field of Operat relation with System-Interfaces. | ional risks in |
| | 1.1.15 Management of Safety, Security and/or and Data-base. | Environment |
| | 1.1.16 Assistance in preparation of Safety, Se Environment Tenders (professional document Specifications etc.). | |
| | 1.1.17 Acquaintance with Standardization process standards relevant for railways Safety, See Environment fields. | |
| | 1.1.18 Adaptation of international regulations to Security and/or Environment requirement conditions and limitations. | - |
| | 1.1.19 Assimilation of new regulation and/or Rule-n | naking. |
| | 1.1.20 Engineering of project in the Railway Sa and/or Environment fields. | |
| | 1.1.21 Technical and/or other Professional Suppassistance and development of technical (or the field of Railway Safety, Security and/or especially but not limited to the above-mention | other) staff in Environment, |



| | 1.1.22 Second opinion for existing works related to the above- |
|-------|--|
| | mentioned issues. |
| 2 | Specific Services - Environment Department |
| 2.1 | Consulting services in the field of Railway strategy towards energy |
| | Efficient sustainable mobility. |
| 2.1.1 | Energy efficiency / Energy consumption. |
| | 2.1.1.1 Energy impact of vehicle technologies. |
| | 2.1.1.2 Physical & electrical infrastructures. |
| | 2.1.1.3 Operational aspects (driving methods). |
| 2.1.2 | Reducing CO2 emissions. |
| | 2.1.2.1 Alternative fuels. |
| | 2.1.2.2 Fuel cells and hybrid engines. |
| 2.2 | Consulting services in the field of Abatement of noise and vibrations. |
| | 2.2.1 Reducing of Rail noise emissions of freight wagon fleet. |
| | 2.2.2 Vehicle aspects. |
| | 2.2.3 Infrastructure aspects. |
| 2.3 | Consulting services in the field of purchase processes Improvement. |
| | 2.3.1 Environmental parameters in purchase of rolling stock. |
| 2.4 | Consulting services in the field of Environmental aspects of |
| | Infrastructure Railway design. |
| 3 | Project Management |
| | 2.3 Project management of project in the Railway Safety, Security |
| | and/or Environment fields. |
| 4 | Economical Assessments |
| | 3.2 Economical checking and assessments in relation with new |
| | Railway Safety, Security and/or Environment projects. |
| | 3.3 Provision of comparison data-base, which shall include: |
| | 3.3.1 Method of Pricing |
| | 3.3.1.1 Maintenance cost per different Railway Safety, |
| | Security and/or Environment systems: human |
| | resources; equipment; material; etc. |



APPENDIX A7 **Planning and Development SCOPE OF SERVICES**

| Please indicate X for the | 1 The Services |
|---------------------------|--|
| type of service proposed. | 1.1 General Consulting services in the field of Planning and Development <i>inter</i> |
| | alia: |
| | 1.1.1 Consulting services in the field of project Management. |
| | 1.1.2 Consulting services in the field of engineering planning and project |
| | management. |
| | 1.1.3 Quality-Assurance of the works performed (by exterior contractors or |
| | Inner-ISR staff). |
| | 1.1.4 Assistance in solving engineering problems which arise during |
| | different projects. |
| | 1.1.5 Consulting services in the field of risk-management and allocation of |
| | risks in relation with different construction projects. |
| | 2 Specific Services - Performance Department |
| | 2.1 Assistance in approaching professional bodies/entities including |
| | governmental that are involved in the different Construction-projects of |
| | ISR (entities in Israel and abroad). |
| | 2.2 Consulting services in the field of Projects-Scheduling - including |
| | Schedule Setting; and consulting services with regard to duration- |
| | shortening-methods. |
| | 2.3 Consulting services in the field of tenders processes and related |
| | contracts. |
| | 2.4 Consulting services in the field of technical and/or engineering |
| | equipment and/or systems required for relevant projects. |
| | 2.5 Second opinion for existing works related to the above-mentioned |
| | issues. |
| | 3 Specific Services - Planning department |
| | 3.1 Engineering and/or project management in various fields, including but not limited to: |
| | 3.1.1 Track infrastructure; |
| | 3.1.2 Track -related works including but not limited to: |
| | 3.1.2.1 Track operational schemes and plans |
| | 3.1.2.2 Track geometry |
| | 3.1.2.3 Bridges |
| | 3.1.2.4 Level crossings |
| | 3.1.2.5 Bridge-rail/track interaction / intersection |
| | 3.1.2.6 Ballast less track |
| | 3.1.2.7 Geotechnical engineering |
| | 3.1.2.8 Drainage engineering |
| | 3.1.2.9 Tunneling and related fields (HVAC, aerodynamics, |
| | fire engineering) |
| | 3.1.2.10 Crossing-Infrastructures (electricity, oil, water etc.) with |
| | regard to Track -corridors |
| | 3.1.2.11 Reuse of recycled materials (alternative materials) for |
| | Track |



| 3.1.3 Railways Stations - Typology of railway stations: urban high and | | | | | | | |
|---|--|--|--|--|--|--|--|
| low density, suburbs stations. | | | | | | | |
| 3.1.4 Independent checking and second opinion examination of Design | | | | | | | |
| of Rail / track infrastructure and Rail/track-Structures. | | | | | | | |
| 4 Railway Electrification | | | | | | | |
| 4.1 Professional recommendations in the fields of engineering, planning | | | | | | | |
| and management of the electrification project. | | | | | | | |
| 4.2 Tests and control of designs, recommendations and decisions of | | | | | | | |
| participators in the project. | | | | | | | |
| 5 Economical Assessments | | | | | | | |
| 5.1 Economical checking and assessments in relation with new plans | | | | | | | |
| and/or projects. | | | | | | | |
| 5.2 Economical checking with regard to budgeting of different (new or | | | | | | | |
| existing) projects. | | | | | | | |
| 5.3 Consulting services in the field of Risk Management and Allocation | | | | | | | |
| of Risks in relation with different Railway Projects. | | | | | | | |
| 5.4 Provision of comparison data-base, which shall include: | | | | | | | |
| 5.4.1 Method of Pricing | | | | | | | |
| 5.4.1.1 Placing cost per track, according to different plan / | | | | | | | |
| alternative / possibility of rail-track placing. | | | | | | | |
| Divided to the following parameters: human | | | | | | | |
| resources; equipment; material; environmental | | | | | | | |
| damages, etc. | | | | | | | |
| 5.4.1.2 Maintenance cost per track-infrastructures, | | | | | | | |
| divided to the following parameters: human | | | | | | | |
| resources; equipment; material; etc. | | | | | | | |

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APPENDIX B

Bidder's Proposal Form

| | D | ate: |
|--|----------|------|
| Israel Railways Ltd. Procurement & Contra Tel Aviv Central Trair Tel Aviv Israel | <u> </u> | |
| /1V | | |
| Name of bidder: | | |
| Address: | | |
| Telephone: | | |
| Facsimile: | | |
| E-mail: | | |
| | | |

Re: Proposal for Consulting Services

- 1. Bidder declares that it has read, fully understands and agrees to the terms and conditions of the RFP, including the General Terms and Conditions herein, the Scope of Services, the Consulting Agreement and other appendices of this RFP (collectively the "RFP Documents"), and hereby submits to ISR its proposal to provide the Services.
- 2. All of the terms and conditions included in the RFP Documents shall be considered as an integral part of this proposal, and all terms not otherwise defined in this Appendix B, shall bear the same meaning as defined in the RFP Documents.
- 3. Bidder hereby declares that it has the ability to fully perform the Consulting Services required under the RFP and should this proposal be selected as the winning proposal, bidder hereby undertakes to fulfill all of its obligations under the Agreement.
- 4. Bidder hereby submits a discount rate (in percentages), which shall be applicable to each Task Order issued under the Agreement (the "Discount"), as specified below:
 - 4.1 The discount rate may be different, in various categories of Consultants (Junior, Senior, Technician/clerks) and/or different durations of Task Orders.
 - 4.2 The discount rate, shall not, under any circumstances, be negative (less than 0).
 - 4.3 In case of inaccuracy between the discount rate and the total price indicated hereunder by the bidder, ISR shall have the right to correct the total price column based on the

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Procurement and Contracting Division

Discount rate proposed and mentioned by the bidder and the tariff specified in the relevant line.

- 4.4 It is hereby clarified that the sums stated herein **Appendix B** shall constitute subject to the Discount rate proposed by the bidder the final price that will be paid to the Consultant for providing the Services, including all of the related taxes and expenses, as specified in Section 4 of the RFP's General Terms and Conditions, excluding the cost of flight tickets to and from Israel.
- 4.5 The daily price for each type of consultant and according to the length of the Task Order, to which the Discount shall be applied, is as follows (the "Prices"):



| | Price per one working day(*) | | | | | | | | | |
|----|--------------------------------|---|-------------------------------|-----------------------|--|--|--|--|--|--|
| | Duration of Task Order | Tariff of Senior Consultant services (**) (Fee) | Evaluation Coefficient | Discount Rate (DR) | Total Price (= Fee * No of working Days) * (1-dr) | | | | | |
| A1 | 10 working days or less | 1050 € | 100 | | €(in words) EURO. | | | | | |
| A2 | between 11 and 30 working days | 1000 € | 260 | | €(in words) EURO. | | | | | |
| A3 | 31 working days or more | 950 € | 130 | | €(in words)EURO. | | | | | |
| | Duration of Task Order | Tariff of Junior consultant services (***) (Fee) | Evaluation Coefficient | Discount Rate (DR) | Total Price (= Fee * No of working Days) * (1-dr) | | | | | |
| B1 | 10 working days or less | 850 € | 40 | | €(in words) EURO. | | | | | |
| B2 | between 11 and 30 working days | 800 € | 130 | | €(in words) EURO. | | | | | |
| В3 | 31 working days or more | 750 € | 40 | | €(in words) EURO. | | | | | |
| | Duration of Task Order | Tariff of technicians/ Clerks services (Fee) | Evaluation Coefficient | Discount Rate (DR) | Total Price (= Fee * No of working Days) * (1-dr) | | | | | |
| C1 | 10 working days or less | 600 € | 20 | | €(in words) EURO. | | | | | |
| C2 | between 11 and 30 working days | 550 € | 40 | | €(in words) EURO. | | | | | |
| C3 | 31 working days or more | 500 € | 20 | | EURO. | | | | | |
| | TP = Total | Price of A1+A2+A3+B1+B2 | +B3+C1+C2+C3 = | | €(in words) EURO. | | | | | |

(*) A working day shall consist at least eight (8) working hours.

(***) No more than 10 years experience but no less than 5 years experience.



| **) | At least | 10 | years e | xperienc | e. | | | | | | | | | | |
|-----|----------|----|---------|-----------------------|-----|----------------------|---------|----------------|----------------------|---------|----------------|-----------------|-----------------|--------|-------|
| | DBL | - | Daily | Board | and | Lodging | in Isra | el (including | telephone/mobile | and | transportation | expenses): _ | | € (in | word) |
| | | | | the DBL : 190 € Ei | | EUR ot exceed - u | | y circumstance | es - 190 € Euro. ISF | R shall | amend Bidder's | s proposal that | exceeds 190 € s | o that | it |

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- 4.6 We hereby declare that we fully understand that the pricing chart above (and all of its components) shall not be construed under any circumstances as an issued assignment, milestone or any obligation of ISR to issue any Task Orders. Moreover, we acknowledge that the agreement to be signed between the bidder and ISR shall be based solely on the daily rates subject to the discount rate proposed by the bidder with no indication of the Evaluation Coefficient.
- 4.7 **Flight tickets to and from Israel -** ISR shall bear the costs for flight tickets (economy class) only for visits in Israel.

Payment of airfare expenses shall be made subordinate to:

- 4.7.1 Prior approval of ISR project manager for each flight made; and
- 4.7.2 A presentation of payment-invoice.

5. **Duration of the Task:**

- 5.1 The duration of each Task Order shall be determined by the parties on a per assignment basis or as otherwise agreed between the parties.
- 5.2 For the avoidance of a doubt, the task order duration shall be determined only by the number of working-days, as specified in paragraphs 5.2 and 5.3 hereunder.
- 5.3 The bidder shall be requested to provide consulting-service for less than one working-day. In this event, the price for this scope of service will be calculated as a derivative price of one working day within a task order of 11-30 working-days (pursuant to the discount rate offered by the bidder) in accordance with the category of the relevant Consultant (Junior, Senior, Technician/clerks).
- 5.4 Without derogating from Section 4.4 above, in the event of supervision and/or project-management Task Orders and/or Long term Task Orders ("Long term Task Order" as defined hereunder), the price for the Task Order shall be negotiated between the Parties on a per Task Order basis, based on the Prices set forth above in this Appendix.
- 5.5 For the purpose of this paragraph, "Long term Task Order" shall have the meaning of a task order which shall be carried out throughout 50 working days or more.

6. Terms of Payment

- 6.1 Amounts due to the Consultant by ISR shall be paid on a per Task Order basis upon completion of the specific Task Order for which payment is being made, within sixty (60) days of the receipt of the following documents:
 - (a) A signed invoice of the Consultant for the payment of the Task Order cost; and
 - (b) A duly signed Certificate of Completion for the Task Order in the form attached hereto as Annex C in the Agreement.
- 6.2 Notwithstanding the abovementioned, for Long term Task Orders, as defined in Section 5.4 above, the Payment to Consultant shall be made on a monthly basis. ISR reserves its right, at its sole discretion, to negotiate a different kind of payment with Consultant for Long term Task Orders.

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- 6.3 As mentioned-before, the number working-days of each Task Order shall be negotiated by the parties on a per Task Order basis or as otherwise agreed between the parties. Non-Working-days (weekends, holidays, etc.) during working periods won't be taken in consideration for evaluating the Consultant's tariff (fee for professional services) per each task order.
- 6.4 Task Orders duration and therefore the tariff of payment for each worker (Consultants/ Technicians/ Clerks) in a specific Task Order, shall be determined by the duration between the first working-day (of one of the bidder's workers) in which the relevant Task Order has been commenced, and the last working-day (of the same or other worker) in which the relevant Task Order has been completed.

7. <u>Linkage Mechanism</u>

- 7.1 The Prices specified in Section 8 above shall be fixed and shall not be linked to any price increase mechanism for a period of two years commencing on the Final Submission Date.
- 7.2 As from two year from the Final Submission Date the Prices, after applying the Discount, shall be linked to the European Consumer Price Index (HICP E25 Overall index, Monthly Index, (2005=100) as published at Eurostat website http://epp.eurostat.ec.europa.eu/portal/page/portal/hicp/data/database) ("HICP").
- 7.3 The basic index for the HICP shall be the last known index on the Final Submission Date.
- 7.4 The price adjustments set forth herein shall be performed once a year only from the second anniversary of the Final Submission Date.
- 7.5 Bidder understands that payment by ISR to the Supplier for the BRM shall be made by way of bank transfer in the manner and terms set forth in the Agreement.

| Signature of Bidder | | |
|---|---|-----|
| By: (print or type name): <i>Title:</i> | | |
| the Bidder's Proposal has bee | , Adv. (license no) hereby confirm n signed by the Bidder's duly authorized representative(s), part of the Bidder for such signatures have been obtained pinds the Bidder for all intents and purposes. | tha |



APPENDIX C

CONSULTING AGREEMENT



APPENDIX D **Proof of Compliance with the RFP's Pre-Requisites**

| | | Date: |
|------------------------------|---|----------------------------|
| | hereby declare that the RFP's pre-requisites as set forth in | |
| 2.2 of the RFP's general ter | | if Section 2.1 and Section |
| By: | | |
| <u> </u> | ve statement, below [and attached] | • • |



APPENDIX D part I

Proof of Compliance with Pre-Requisite 2.1 of RFP No. _41756

| Without derogating from the above-mentioned, I/ We | hereby |
|--|-----------------------------------|
| confirm by our signature, that | [name of bidder] fully complies |
| with this RFP's pre-requisite set forth in <u>Section 2.1</u> of conditions. | |
| | |
| [name of bidder] is a registe (Erase the unnecessary). | red company / governmental entity |
| | |
| Signature of Bidder's attorney : | |
| Name: | |
| date: | |



APPENDIX D part II

Proof of Compliance with Pre-Requisite 2.2 of RFP No. 41756

1. In order to prove bidders Compliance with Pre-Requisite 2.2 above, Please use the following table to provide information about your company's experience from 2013 onwards, in providing technical and/or operational and/or economical consulting services for at least two different projects in the heavy-railway field.

Professional Evaluation

- 2. For professional evaluation of bidders proposal in accordance with the relevant criteria specified in paragraph 2.2 in the RFP's General Terms & Conditions, The bidder shall complete this section of Appendix D for each Scope of Services / relevant Appendix (of Appendices A1-A7) or any part thereof it has decided to submit its proposal for.
 - 2.1 The bidder may copy the table below in order to complete and submit it within its proposal. However, the bidder shall copy the table in its exact wording Any correction, addition, change or reservation added to it, may disqualify the bidder's proposal.

A. Project name for which the consulting services were rendered and place of performance:

2.2 please indicate to which Scope of Services / Appendix, do the following / described projects refer to: **A1**, **A2**, **A3**, **A4**, **A5**, **A6**, **A7**



| 1.3 2 2.1 2.2 2.3 2.4 | - - - - |
|--|------------------|
| D. Result of the consulting services rendered within the project: | etc. relevant |
| E. Consulting services commencement date: | |
| F. Consulting services completion date : Initial: Actual: contact number or other identifying reference: contact number or other identified number of number or other identified number of number of number of number of number | |
| H. Total Consulting services price: ——————————————————————————————————— | |
| I. Final total invoiced amount: | |
| J. Customer contact person for references (name, title, address, telephone, e-mail): K. Were the UIC and/or EN standard, applied in this project? If yes - please describe in what verification is a standard of the contact of the co | way |
| * Additional pages and related material may be added in order to submit information about | out |
| other projects, in which the relevant consulting-services for the Scope of Services specific | ed |
| in Appendix (of the Appendices A1-A7), were rendered. | |
| ** References: Bidder should submit references from previous customers. | |
| *** Company profile: Bidder shall submit a Company profile and related documents. | |
| Signature of Bidder By: | |
| Title: | |



APPENDIX D part

Proof of familiarity with the UIC and EN railway standards

| | | Date: |
|--------------------------------|---|--------------------------|
| I/ We | hereby declare that | [name of |
| bidder] has professional, th | orough and comprehensive familiarity w | ith the UIC and/or ;EN |
| railway standard: | (Erase the unnecess | sary), which is relevant |
| for the specific railway-field | d (Appendix A1-A7) it has submitted its p | roposal for. |
| Signature of Bidder: | | |
| By: | | |
| Title: | | |

ISRAEL RAILWAYS Procurement and Contracting Division ENJOY THE RIDE

APPENDIX E

CONFIDENTIALITY UNDERTAKING

| To: Israel Railways Ltd.("ISR") | |
|---|---------------------------------|
| 1. The undersigned, [Company name] (hereinaft "Consultant"), in consideration for receiving proprietary information of ISR relates to administrative, financial, technical and other information, specific characteristics and details ("Confidential Information") received in connecti the execution of the Services (as defined in the RFP) for ISR, does hereby und to keep in strict confidence, at all times, the Confidential Information that he brought to its attention or shall come to its attention, directly or indirectly. | Which cations on with dertake |
| 2. The Consultant undertakes not to disclose the Confidential Information, directly, whether in writing or otherwise, or make the Confidential Information available, in whole or in part, to any person or entity, except to those authorwriting by ISR. | rmation |
| 3. The Consultant undertakes not to make use of the Confidential Informatio than for the purposes specifically permitted by ISR. | n other |
| 4. The Consultant undertakes to take all necessary measures to ensure to Confidential Information is strictly protected against disclosure to any individentity and will exercise appropriate caution to maintain its secrecy. The Conshall disclose the Confidential Information only to those employees on a know basis, each of whom has signed a Confidentiality Undertaking substainilar to this document. | idual on nsultant need to |
| 5. This Confidentiality Undertaking is governed and construed in accordance we laws of the State of Israel. | ith the |
| Signature: | |
| Name: | |
| Title: | |
| Date: | |



APPENDIX F

Bidder's personnel

- 1. In accordance with Section 3.7 of this RFP, the Bidder must state <u>at least</u> One (1) engineer with at least ten (10) years proven experience (senior consultant), in providing technical and/or operational and/or economical consultancy services in any of the railway field for which the bidder has submitted its proposal.
- 2. In addition, bidder should submit C.V. of such senior consultant: The C.V. shall indicate the senior consultant position; Commencement of Employment with the bidder (month/year); Qualification; Year of graduation; Years of Experience; Notable projects; professional experience.

KEY PERSONNEL - SENIOR CONSULTANT

| No. | Name (*) | Position | Commencement of Employment with the bidder (month/year) | Qualification | Year of graduation | Years of Experience | Notable projects | professional experience |
|-----|----------|----------|---|---------------|--------------------|------------------------|---------------------|----------------------------|
| | | | | | | | | |
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| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

3. The bidder should also submit resumes of all of the personnel mentioned below.



OTHER SUITABLE PERSONNEL

| No. | Name (*) | Position | Commencement of Employment with the bidder (month/year) | Qualification | Year of graduation | Years of Experience | Notable projects | professional experience |
|-----|----------|----------|---|---------------|--------------------|------------------------|---------------------|----------------------------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

- 4. The bidder shall complete and submit this Appendix for each Scope of Services / Appendix A1-A7, it has decided to submit its proposal for.
- 5. The bidder may add pages or copy the table below in order to complete and submit it within its proposal. However, the bidder shall copy the table in its exact wording Any correction, addition, change or reservation added to it, may disqualify the bidder's proposal.
- 6. Please indicate to which Scope of Services / Appendix A1-A6, the specified personal refer to: A1, A2, A3, A4, A5, A6, A7.