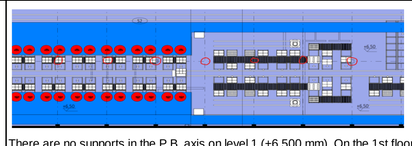
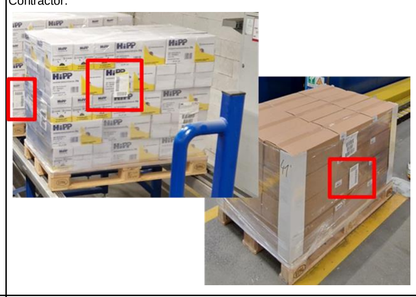
Questions about the offer

Date: 01.07.2024 AMA

LfdNo	Status	File name	Chapter	Page	Date	Question/Remark	Answer	Comments to answers
1								
2								
3	Closed	Functional Tender Specification- New Warehouse in Pyskowice	3.4.	48	30.07.2024	Pallet weight errors. Where does the operator get the empty pallet from? (no separate empty pallet conveyor lane in station drawn). The space for manual induction is limited.	If the pallet is overweight, it is first directed to the Not-Ok station with infomation "overweight", it is then returned to the retrieval lane for removal by a forklift, repacked outside the conveyor system at a defined workstation and both resulting pallets are then returned to the conveyor system. There is no physical repacking at the Not-Okay workstation.	
4	Closed	Functional Tender Specification- New Warehouse in Pyskowice	2.3.3.	57	30.07.2024	Do all paletts have a preprinted barcode? On how many sides and where are these found? What characteristics does this barcode have?	All pallets have a reprinted label; this label are only on one side of the pallet (long side); type of barcode: code128 and this barcode is from our WMS but we also except GS1 code on the longer side.	We assume, that you mean "preprinted" labels. Sorry, but our question was not specific enough. Are the labels attached to the products or is it a routing label attached to the pallet footer? When attached to the products, do your suppliers obey the GS1 standard position as described in https://www.gs1.org/standards/gs1-logistic-label-guideline/1-3/#8-Label-placement+8-1-Label-placement-on-larger-logistic-units-(pallets,-roll-cages,-etc-)? MTP COMMENTARY: The labels are attached to the foil around the products not as a rounting label to the pallet footer (see also answer No. 31). The label can be placed anywhere on the long side of the pallet.
5	Closed	Functional Tender Specification- New Warehouse in Pyskowice	3,7	57	30.07.2024	Inbound pallets wth cartons will much likely have a plastic strech wrapping material. Where should this be removed? At a separate station or in the repacking station itself? How to handle pallets which are partially repacked? Can the repacking process be considered layer wise in order to avoid a re-wrapping process?	The wrapping film is removed at the manual workstation in repacking. If only parts of the original pallet are repacked at the manual workstation, there is an automatic wrapping machine in the return from repacking in the area of the robots (see figure 4-28, near point "4" in blue) and in the area of the checking station (see figure 4-22, near point "6") to secure the pallet before it is returned to the HBW.	
6	Closed	Functional Tender Specification- New Warehouse in Pyskowice	3.7.1	59	30.07.2024	Don´t understand necesity of stations being interconnected during process of partial repacking / partial tote unloading. Could you please elaborate?	In the event that partial repacking is to be carried out at the manual repacking workstations, where the pallet being repacked is not empty, it should be possible to remove it again via the neighbouring workstation and feed it to the T-car. This allows a second pallet to be buffered in front of the workstation behind the pallet currently being processed, thus avoiding unnecessary waiting times for employees. If the non-empty pallet is returned along the same route at the workstation, buffering of the second pallet is not possible, so that waiting times are to be expected.	
7	Closed	Functional Tender Specification- New Warehouse in Pyskowice	3.7.1	59	30.07.2024	What is the expected performance per FTE at this station in each of the scenarios? Repacking / tote unloading / repacking + tote loading to 2. pallet	The performance for full repacking of original pallet at the manual workstations is in average 2.8 pallets per hour and in max. 4.3 pallets per hour. The performance to put a storage tote from one pallet to the other pallet is between 8 to 10 sec.	
8	Closed	Functional Tender Specification- New Warehouse in Pyskowice	3.7.4	66	30.07.2024	"Pallet with damaged article (cartons or storage totes) in front of the robot". The robot is only grabbing totes. Identification of damaged TU is probably not possible. Which cartons are referred to? There are normally only single items inside the totes.	Damaged cartons or packaging in the storage tote (the storage tote contains an item with a large number of packages, of which only the upper ones are visible) can only be recognised by using a camera in the event of major damage; the same applies to heavy soiling of the storage tote. If the LC sees no possibility of detection by using a camera, he is requested to indicate this in his offer.	
9	Closed	Functional Tender Specification- New Warehouse in Pyskowice	3.8.1	68	30.07.2024	"to enable flow of full storage totes to the robot stations (f.e. outside of normal operating hours,or deliberate action)." How does this process work? If a tote is allocated into a flow rack channel, then an operator needs to manually remove this in order for the tote to go back to he robots for example.	This refers to the following: storage totes to be relocated, which are located in the flow channel for the pick location, are manually removed from the flow channel, placed on the conveyor system for the shipping totes and transported to the western side of the picking gallery via the conveyor system. On the western side of the picking gallery, the conveyor circuits of the storage totes are connected to the conveyor circuits of the shipping totes by ascending or descending sections, so that the storage totes to be relocated can then be fed to the conveyor circuits for the storage totes via this connection. A branch is provided from the conveyor circuit for storing the storage totes so that the storage totes are first transported parallel to the firewall between the repacking and picking gallery and then transported to the separate feed to the robots via a chute.	
10	Closed	Functional Tender Specification- New Warehouse in Pyskowice	3.8.3	70	30.07.2024	"Storage tote has contour / weight or barcode errors". Totes have own barcode numbering, so the totes will always be the same so no need for contour check in our opinion. Only height check, weight check and barcode check will be implemented.	The contour check is provided in the event that the repacked packaging units protrude beyond the top edge of the storage totes during repacking due to incorrect repacking. From Rossmann's point of view, this contour check is necessary.	
11	Closed	Functional Tender Specification- New Warehouse in Pyskowice	3,9	76	30.07.2024	Alternative 1 --> Not enough space for buffering capacity for this type of back up scenario. We would like to discuss this process and ist necessity.	This alternative is required by Rossmann and is therefore also necessary. It is clear that in this case the total number of shipping totes cannot be buffered in the sorting system (= sorting by dolly and weight). It is assumed that there is a continuous inflow and outflow via this sorting system. The throughput rate of 2,055 shipping totes per hour is then not possible. The LC is requested to state the maximum throughput capacity in its offer.	
12	Closed	Functional Tender Specification- New Warehouse in Pyskowice	3,9	76	30.07.2024	Alternative 2 --> This area would only be used as a back up or also during normal operation?	The sorting lines can also be used to form roll cages (alternative 2) for defined orders in parallel with the operation of the automatic dolly stackers.	
13	Closed	Functional Tender Specification- New Warehouse in Pyskowice	2.3.3.3	38	02.08.2024	What is the colour of the plastic Euro pallet?	All of the plastic Euro pallet are grey.	
14	Closed	Functional Tender Specification- New Warehouse in Pyskowice	4.2.5	83	02.08.2024	1) In order to design the fire protection system properly: Can you make the "VdS CEA 4001" document available to us? 2) Is there a specific sprinkler type which should be used in the HBW? Can you share a drawing of that sprinkler?	Ad 1. Designing the fire protection system is not part of the scope of delivery of the logistic contractor. What must be taken into consideration is the requirements for protection i.e. the class of steel etc, whcih are already included and outlined in the file MINIMAX-HRL_and_AKL_rack-req.for.sprinkler_system_ROSP_EN_ document, attached to tender specification, The norm itself can be purchased online, and we will not be able to share it with you. Ad 2.Attached is a dwg presenting an example design of a sprinkler head.	
15	Closed	Functional Tender Specification- New Warehouse in Pyskowice	5,1	250	02.08.2024	Apended files 11 - 20 are missing in the tender documents	All files are now shared with the Q&A sheet: 1. WMS for Client BluePrint 2024 04 19 2. D2027 - Automated stocktaking process at HBW high storage warehouse.docx 3. D2027 - Change of picking location.docx 4. D2027 - Handling of shipping totes on the panel.docx 5. D2027 - Heavy totes at lower levels.docx 6. D2027 - New method of logging in.docx 7. D2027 - Picking visualisation.docx 8. D2027 - Telegram 107.docx 9. D2027 - The concept of two workers on one picking stations.docx 10. D2027 - Visualization of the workload of aisles on the top of rack.docx	
16	Closed	Functional Tender Specification- New Warehouse in Pyskowice	5.1.1	250	02.08.2024	Is the WMS supplier already selected? If yes, which one? Which WMS interface have you chosen?	The WMS supplier is not yet selected. Once the decision is made, we will arrange a workshop to provide status update.	
17	Closed	Building drawings			02.08.2024	Are there any uprights/coloums in axle P.B. in level 1 (+6.500mm). It seems that there are some in the repacking area.	The columns in axis PB finish under the ceiling at level +6,500.	
18	Closed	Material flow			02.08.2024	Is there a split regarding the manual and automatic repacking for the totes? We only found the approx. 950 boxes per hour for the whole area.	On page 194 of the tender document, there is a split between manual repacking and robots. This has been revised again in the meantime. You will receive a detailed breakdown of the material flows in the repacking area with the subsequent delivery for the tender.	
19	Closed	Scope HBW Steelcontruction			02.08.2024	Is there any update regarding the air ducts under the roof the HBW roof (Between steel construction racking and roof) with rergard to size, weight and subconstruction?	When planning costs, the assumptions given in the specification should be used. Without the final base of the rack (height), detailed drawings of internal installations are not made. The ventilation and air conditioning installation, in accordance with our assumptions in the specification, is planned in the shelf area using long-range nozzles, we do not plan ventilation ducts in this area.	
20	Closed	Functional Tender Specification- New Warehouse in Pyskowice	1.1.9	15	13.08.2024	Could you please provide us with doc "Declaration of the contractor pursuant"?	The declaration is in the tender document on page 299, chapte 6.13.2	
21	Closed	Functional Tender Specification- New Warehouse in Pyskowice	1.1.9	15	13.08.2024	Could you please provide us with doc "Contractor Information"?	The logistics contractor is required to provide general information about their company and comparable references. A company presentation with data on the company, the company's possible services and comparable references is usually sufficient.	
22	Closed	Process - Existing Warehouse			13.08.2024	1.050 Totes will be manually picked at existing Warehouse. Where does the picking process happen, please elaborate.	The picking process in the existing building takes place on a mezzanine (feed point behind the sequencer, point '6' in figure 4-72) and in other picking areas in the existing building near the sequencer and the dolly stacker (4 feed points, point '7' in figure 4-73). These picking areas are not part of the Logistics Contractor's scope of services. Furthermore, ready-picked totes are delivered from Lodz, as the items they contain are only stored in Lodz; these totes are also placed on the 4 manual loading points (it is required to incorporate the destackers for dolly).	
23	Closed	Functional Tender Specification- New Warehouse in Pyskowice	1.2.2	20	13.08.2024	Please advise if there is a separate document for test and acceptance procedure	The Logistics Contractor is required to list and submit the results of its own tests in a document. For the tests with the client, separate documents are created for the individual tests and filled with the joint test results. These common test documents consist of the respective test objectives, the responsibilities during the test execution, the requirements for the test executions as well as the test results and the determination of whether the respective test has been successfully completed or needs to be repeated. These documents are only created and harmonised during the preparation of the tests.	
24	Closed	Functional Tender Specification- New Warehouse in Pyskowice	4.3.2	191	13.08.2024	Hinged conveyor as exit in manual repacking area: workers have no barrier free escape route. Safety issues need to be clarified	In the current processing system in Lodz, access to the workstations in manual repacking is also provided by hinged sections in the conveyor system. It is assumed that this solution will also be authorised in Pyskowice. If possible, an automatic lifting of the conveyor section during fire alarm should be implemented.	
25	Closed	Functional Tender Specification- New Warehouse in Pyskowice	2.3.6	42	14.08.2024	Can you give more detailed information about the different pallet load carriers? Which pallets are behind 1,2, 1,6 and 2,2m height? Can any pallet (pallet with cartons, pallet with stacked shipping totes, pallet with full or empty storage totes, …) can have any of those three heights?	All pallet heights can be either wooden Euro pallets, plastic Euro pallets or Chep pallets. Pallets with cardboard boxes can have all heights, as the last pallet of an article often does not have the full height according to the article master. All original pallets of different heights are stretch-wrapped and secured. The pallets with the empty and filled storage totes as well as the empty folded shipping totes are max. 1,600 mm high and must be secured after manual repacking with regard to the load (wrapper provided in the conveyor system).	
26	Closed	Functional Tender Specification- New Warehouse in Pyskowice	4.6.4.2	141	14.08.2024	The stack of empty pallets is transported to a buffer area. According to the RFQ there is a buffer area in the existing building and one in the new building. Where are they located? Can you also further elaborate on the process of the empty pallet stacks?	The buffer areas for the stacked empty pallets are in the new building on the ground floor in the area of the goods entrance or in the area in the fire compartment with the vertical conveyors of the pallet conveyor system. In the existing building, the buffer areas are also in the area of the gates. In both cases, the pallets are removed from the respective pallet conveyor system by industrial trucks and are then removed from the Logistics Contactor system. These stacks with the empty pallets then go into the pallet exchange with the suppliers.	
27	Closed	4423_PP_00_AR00101_00	-	-	14.08.2024	Is the column grid in the repacking area the same column grid as in the same area on the ground floor? In the drawing they are only partially visible:	 There are no supports in the P.B. axis on level 1 (+6,500 mm). On the 1st floor, supports are only planned in the P.C. axis.	
28	Closed	Functional Tender Specification- New Warehouse in Pyskowice	4.6.5.2	146	14.08.2024	What's the highest pallet to be repacked in the manual repacking workstations?	All pallet heights can be used in manual repacking, including a pallet with a height of 2,200 mm.	
29	Closed	Functional Tender Specification- New Warehouse in Pyskowice	2.3.3.2	37	14.08.2024	In the document it says, that the process of destacking and unfolding of shipping totes should be done fully automized in the future. However, in the layout there is a dedicated area for manual and automatic processing. In case of a fully automized solution, is it possible to use the area for manual processing (which is not needed in this case) too? For the design of the automized solution: can you give us more detailed information about the tote and maybe also send one?	In the tender, the area for automatic unfolding and parking of the unfolded shipping totes is shown as a possible area for installation. In the case of automatic unfolding and positioning of the shipping totes, the manual workstations cannot be dispensed with, as these are then required in the event of a failure of the automatic system. Alternatively, the automatic system would have to be duplicated. The sending of totes for tests is possible on request.	

30	Closed	Functional Tender Specification- New Warehouse in Pyskowice	3.7.3	64	14.08.2024	Can you share a drawing and a 3D model of the clip and the storage tote to design the robots?	Please see attached photos with measurements. The technical drawing should be made available by 23.08.2024. MTP update: .dwg and .pdf drawings of the clip were issued as an update on 27.08.2024	
31	Closed				19.08.2024	Labelling - how's this done at the existing warehouse?	Labelling of the delivered pallets is carried out in the incoming goods department in the new building by manually applying a single printed label to the goods or the wrapping film of the pallet; the totes placed in the existing building have a barcode and the linking of the barcode with the contents of the totes is carried out before the totes are placed in the WMS. When the pallets are labelled manually, the label is not always in the same place, as can be seen in the images. If this is required, it must be defined by the Logistics Contractor. 	
32	Closed				19.08.2024	How is wrapping from pallets handled?	The pallets arrive wrapped from the supplier at the incoming goods department. The wrapping film and any corner protectors are currently removed at the repacking workstations, as full repacking is carried out there (repacking the entire pallet into storage totes). Pallets with folded shipping totes and empty or filled storage totes are not wrapped before being stored in the HBW. In order to enable partial repacking of original pallets in the future, these must be wrapped after partial repacking in storage totes before being stored in the HBW (if the wrapping film has been completely removed beforehand). This procedure must be specified as part of the implementation planning, but must already be taken into account in the Logistics Contractor's offer so that the implementation of the agreed solution does not lead to additional charges.	
33	Closed	Functional Tender Specification	5.5.4.	265	20.08.2024	Who delivers the UPS - from the text in the RFP this is not clear	For the MFS system / combination of multiple MFCs, the UPS required in each case must be supplied by the Logistics Contractor.	
34	Closed	Functional Tender Specification	6.3.2.	275	20.08.2024	"For this purpose, the manufacturer (contractor) has to create a functional mock-up prototype of each workstation and enable the Client and their operating personnel to use the samples. The related IT equipment (e.g. terminals, printers, scanners) must also be integrated / taken into account in accordance with the relevant specifications during sample assembly" - If we should provide that, we should know, how many we have to calculate and what the exact scope is	The following workstations are to be sampled: repacking, depalletising and unfolding of shipping totes, check station for shipping totes, picking in the picking gallery, manual loading stations in the existing building, workstations in the manual sorting area with infeed and outfeed of totes, emergency okay workstations for pallets and containers. In the sampling, the arrangement of tables, terminal stands in connection with the arrangement of the conveyor technology and the required ergonomic working heights at the various workstations with a direct interface between people and technology must be presented, taking into account the necessary measures to avoid crushing and other possible injuries.	
35	Closed	Functional Tender Specification	3.4.	49	20.08.2024	As written in other part of specification, both barcodes shall be correctly read. Will there be very low pallets or can we assume, that the label is fixed at a position matching GS1 standards? Do you expect labels to be read automatically or by operator?	The incoming pallets are manually labelled with a pre-printed label from the WMS before the pallets are placed on the conveyor system. This label is attached to the goods or the wrapping film on one of the long sides of the pallet (not on the pallet itself). Currently, the label can be applied at different positions depending on the height of the pallet (see answer under no. 31).	
36	Closed	Functional Tender Specification	3.4.	49	20.08.2024	Do you expect the Logistic Contractor to do a pallet shape check again after the error station (which is our standard), to verify, that the operator has really solved the error situation	If the fault can be rectified at the Not-Okay workstation, the pallet is returned to the contour and skid check for re-inspection via the planned short circuit to check that the fault has been rectified. In the case of faults that can only be rectified outside the conveyor system, the pallet is removed via the removal finger, the fault is rectified outside the conveyor system and the pallet is placed back on the pallet conveyor system to check that the fault has been rectified. After a weight or contour error has been processed, faulty totes are also passed through a corresponding check again.	
37	Closed	Functional Tender Specification	3.8.4.	72	20.08.2024	An additional display must be installed at the start of the picking station, on which all picking positions to be taken from this picking station can be seen after scanning the shipping totes - Is the zone controller not sufficient for that to show e.g. only the total number of pcs and order lines?	For this, see the requirements from the document 'D2027 - Picking visualisation.docx'	
38	Closed	Functional Tender Specification	3.9.	74	20.08.2024	"The exact form of labelling (labelling of the dollies on both sides or labelling of each shipping totes) will be sent by the end of July with a subsequent delivery of the documentation for these requirements." - Is this already defined? Because it has influence not only on software, but also on necessary P&A equipment	The requirements for labelling the dollies or shipping totes are described in the subsequent delivery to the tender. The Logistics Contractor is only required to print and affix the barcode labels to the containers in this area. The RFID labels on the dolly bases are not to be attached or read by the Logistics Contractor.	
39	Closed	Functional Tender Specification	3.7.3.	62	20.08.2024	There are in total only 15 target pallet positions and 3 robots for automatic palletizing (and even less usable, when some robots work in depalletizing mode). - How do you expect the Logistic Contractor to guarantee, that the individual items are correctly palletized (and not mixed) - e.g. by limiting the number of workstations, which work in a mode to generate totes destined for palletizing to not produced too many totes with differing items at a time?	The tender describes that the storage totes must be scanned in the buffer section for storage totes in the area of the individual robot in order to avoid mixing the items on a pallet. Several manual repacking workstations can be in full repacking mode and thus produce storage totes, which are then palletised by the robots or sent directly to the miniload. For this purpose, a robot is first switched to palletising mode (no parallel depalletising of storage totes) and the article-related storage totes are assigned to a pallet location in the area of the robot that is intended for palletising. If, from the Logistics Contractor's point of view, there are possible restrictions in throughput performance or general conditions for the robots that need to be taken into account, these must be described in the Logistics Contractor's offer.	
40	Closed	Functional Tender Specification	3.7.3.	63	20.08.2024	When the robots have to fill the last layer with empty totes, who remembers where and how many empty totes are on the pallet to later have that information for depalletizing. Or is it sufficient to only know, how many and which filled totes are on the pallet and treat all unknown totes as empty ones?	When the pallet with the empty totes in the top layer is returned to the robots for partial repacking, the empty totes must be recognised by the robot so that they are not added to the filled storage totes during unpacking. This can be done by camera, for example. The Logistics Contractor is requested to submit a solution proposal for this in its offer. The exact implementation will then be defined together with Rossmann as part of the implementation planning. The solution then agreed must not lead to additional work by the Logistics Contractor. Filled totes should be assigned to pallet (WMS function). Empty totes should be assigned like "empty tote", or option with the camera (or alternative).	
41	Closed	Functional Tender Specification	3.6.4.	56	20.08.2024	Will the pick/storage totes have barcode and/or RFID tags. Because if this differs, there are additional costs. Logistic Contractor would assume, that both have barcodes at the same position and orientation, which we can use.	For the concept to be offered, only the reading of barcodes in the automatic conveyor systems is to be provided for. The existing RFID chips are used outside the automatic conveyor systems and are therefore not included in the scope of supply and services of the Logistics Contractor. The arrangement of the barcodes on the storage and shipping totes is always in the same place.	
42	Closed	Functional Tender Specification				General question concerning dimensioning of highbay: Will there be several height or weight classes, do we have to construct the highbay with 100/100 factor, assuming, that all pallets can have the max. weight?	According to the tender document, the 100/100 factor must be taken into account in the static design of the HBW, i.e. all pallets can have the maximum weight. The Logistics Contractor is free to specify the reduced costs for a load of 80% in the tender. On this basis, further consultations with Rossmann may then be conducted as part of the negotiations.	
43	Closed	D2027 - Handling of shipping totes on the panel.pdf			21.08.2024	The purpose of this document is not clear. Where might this handling apply and is it relevant for Logistic Contractor or only for the WMS? What is meant with "Barcoded cards"?	The document describes that the employee in order picking can specify a new destination for the container if he considers it to be faulty. This transport is then to be carried out by the logistics contractor's MFS. This document is therefore relevant for the Logistics Contractor with regard to the interface between the WMS and MFS. Details are agreed in the implementation planning.	
44	Closed	D2027 - New method of logging in.pdf			21.08.2024	For us it looks, as if this applies to the Pick2Light picking stations, but under point 3 it says, that it only applies to WMS (although Pick2Light is supposed to be delivered by the MHE supplier). If it applies to the Logistic Supplier, we can demonstrate, how the login process on the so-called zone controller works and what possibilities exist.	Rossmann is open to the possibilities presented by the Logistic Supplier.	
45	Closed	WMS for Client Blueprint 2019 04 19.pdf			21.08.2024	We assume, that this VERY BIG document is only relevant for the WMS supplier. Pls confirm, that we do not need to consider that.	This document is intended for the blueprint of the new WMS. This document is to be reviewed by the Logistics Contractor with regard to the embedding of the MFS in the overall system as well as for the interfaces and their requirements between the WMS and the Logistics Contractor's MFS and the interface contents / requirements are to be taken into account in the Logistics Contractor's offer for the MFS.	
46	Closed	Functional Tender Specification	4.6.5.2		21.08.2024	There are 3 different pallet types but only one pallet stacker per side. Can any pallet type used at repack (auto & man) or just one type?	In today's processing, all pallet types can be used in repacking. With today's automatic empty pallet stackers, all pallet types are also stacked mixed in one pallet stack. This means that only one empty pallet stacker per side is required, in which all the pallet types listed can be stacked together.	
47	Closed	Functional Tender Specification	4.6.5.2			Robot: Is there a requirement about how to orientate the storage tote on the pallet? (e.g side with opening always in the midde) - are there any requirement regarding palletizing?	Place 4 totes on the base of a pallet (2 over the length of the pallet and 2 over the width of the pallet). There are no specifications for the orientation of the opening. The orientation of the handle opening of the storage totes is checked after filling in repacking or after automatic partial repacking in the conveyor system and the storage totes are rotated if necessary (described in the tender).	
48	Closed	Functional Tender Specification	4.6.5.2			Is there a need to wrap every pallet with storage totes in addition to the clip on top? Is there a case that the clip itself is enough?	At present, the pallets with the storage totes (filled or empty) are stored in the HBW without additional winding, secured with the metal clip.	